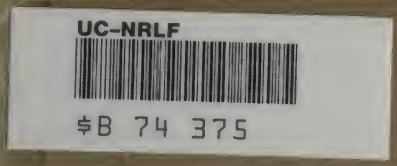
VM
14
N5



NAVAL ARCHITECTURE AND SHIPBUILDING

A LIST OF REFERENCES IN THE NEW YORK PUBLIC LIBRARY

COMPILED BY
ROLLIN A. SAWYER, JR.

NEW YORK
1919

EXCHANGE

SIGILLVM · VNIVERSITATIS · CALIFORNIENSIS

LVX

FIAT

MDCCCLXVIII

EX LIBRIS

Digitized by the Internet Archive
in 2007 with funding from
Microsoft Corporation

http://www.archive.org/details/navalarchitectur00newyrich

NAVAL ARCHITECTURE AND SHIPBUILDING

A LIST OF REFERENCES IN THE NEW YORK PUBLIC LIBRARY

COMPILED BY
ROLLIN A. SAWYER, Jr.

UNIV. OF CALIFORNIA

NEW YORK
1919

VM14
N5

NOTE

This list contains titles of works in The New York Public Library on December 1, 1918. The books and articles mentioned are in the Reference Department, in the Central Building of the Library at Fifth Avenue and Forty-second Street.

Exchange

REPRINTED APRIL 1919
FROM THE
BULLETIN OF THE NEW YORK PUBLIC LIBRARY
OF JANUARY AND FEBRUARY 1919

form p–124 [1v–2–19 3c]

TABLE OF CONTENTS

	PAGE
Bibliography	1
Naval Architecture	1–13
Shipyards	13–21
Wooden Ships	21–23
Iron and Steel Ships	23–46
Reinforced Concrete Ships	46–52
Index of Authors	53–56
Index of Subjects	57–59

S

395099

NAVAL ARCHITECTURE AND SHIPBUILDING

A LIST OF REFERENCES IN THE NEW YORK PUBLIC LIBRARY

Compiled by Rollin A. Sawyer, Jr.

This list includes books and articles published since 1907. For earlier references see Bulletin of The New York Public Library, 1907, v. 11, p. 239–287, 299–345, 359–398, 420–436; for submarines, the same, 1918, v. 22, p. 18–69, 91–132.

ORDER OF ARRANGEMENT

Bibliography.
Naval Architecture.
Shipyards.
Wooden Ships.
Iron and Steel Ships.
Reinforced Concrete Ships.

Bibliography

1. **Koenigliche technische Hochschule,** Danzig. — Buecherei. Schiffbau, Schiffsmaschinenbau, Seewesen. Danzig: Schwital & Rohrbeck, 1910. v, 67 p. 8°. **VX**

2. **New York Public Library.** — Circulation Department. Selected books on marine engineering and shipbuilding. n. t.-p. [New York, 1913.] 5 p. 16°. **VXK p.v.1, no.3**

3. —— —— Second copy. *** HND p.v.5, no.27**

4. A **Selected** list of references on the construction of wooden ships. 1917. **Vertical file — Tech.Div.**
Typewritten.

5. **Sunderland,** Eng. — Public Libraries. List of books on shipbuilding, including naval architecture, marine engineering, boilermaking, seamanship, and navigation ... [Sunderland:] E. Sword and Sons [1912]. 11 p. nar. 12°. **VXC p.v.19, no.6**

Naval Architecture

1908

6. **Abell,** Westcott Stile. Two notes on ship calculations. (Institution of Naval Architects. Transactions. London, 1908. v. 50, p. 242–259.) **VXA**

7. —— Two notes on ship calculations. (Marine review. New York, 1908. v. 38, no. 10, p. 32–38.) **VXA**

8. **Cremdieu,** Victor. On an apparatus for extinguishing the rolling of ships. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1908. v. 51, p. 52–68.) **VDA**

9. **Estrada,** Ramón. Tanques experimentales. (Revista general de marina. Madrid, 1908. tomo 62, p. 26–45, 292–313.) **VXA**

10. **Gebers,** Fr. Ein Beitrag zur experimentellen Ermittlung des Wasserwiderstandes gegen bewegte Körper. 3 pl. illus. (Schiffbau. Berlin, 1908. Jahrg. 9, p. 435–452, 475–485.) **VXA**

11. **Goulaeff,** E. E. Unsinkable and uncapsizable ships of the Goulaeff form and system of construction. illus. (Engineer. London, 1908. v. 105, p. 380–381.) **VA**

12. —— —— (Engineering. London, 1908. v. 85, p. 466–469.) **VDA**

13. —— —— (Institution of Naval Architects. Transactions. London, 1908. v. 50, p. 1–24.) **VXA**

14. **Herner,** Heinrich. Die Theorie des Schiffes. Hannover: Max Jänecke, 1908. 285 p. 8°. **VXH**

Naval Architecture, continued.

1908, continued.

15. Kielhorn, Carl. Die neuen Freibordvorschriften der See-Berufsgenossenschaft und die modernen Dampfertypen. (Schiffbau. Berlin, 1908. Jahrg. 10, p. 231–241.) † VXA

16. Kretschmer, Otto. Fast steamers built on "tetrahedral" lines. illus. (Scientific American. New York, 1908. v. 99, p. 473–474.) VA

17. Long, A. E. Notes on the form of high-speed ships. 3 pl. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1908. v. 24, p. 187–204, 219–224, 281–286.) VXA

18. —— —— (International marine engineering. New York, 1908. v. 13, p. 258–262.) † VXA

19. Morley, T. B. The laying out and use of calculating charts. 4 pl. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1908. v. 51, p. 446–459.) VDA

20. O'Neill, J. J. The interrelation of theory and practice of shipbuilding. 6 pl. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1908. v. 51, p. 236–294.) VDA

21. —— —— (Engineer. London, 1908. v. 106, p. 100–102.) VA

22. —— —— (Marine review. New York, 1908. v. 38, no. 7, p. 26–31.) † VXA

23. Robinson, Richard Hallett Meredith. An experimental model basin. illus. (Scientific American supplement. New York, 1908. v. 66, p. 37–39, 60–62.) VA

24. Sadler, Herbert Charles. Further experiments upon longitudinal distribution of displacement and its effect upon resistance. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1908. v. 16, p. 21–32.) VXA

25. —— —— (International marine engineering. New York, 1908. v. 13, p. 530–532.) † VXA

26. —— Some experiments on the effect of longitudinal distribution of displacement upon resistance. (International marine engineering. New York, 1908. v. 13, p. 72–74.) † VXA

27. Sauvaire Jourdan, André Marie Barthélemy. Le bassin d'essai des carènes de la marine française. illus. (Nature. Paris, 1908. année 36, semestre 1, p. 305–308.) OA

28. Schmidt, Alfred. Beitrag zur Dimensionierung von Schiffen. (Schiffbau. Berlin, 1908. Jahrg. 9, p. 819–823.) † VXA

29. Taylor, David Watson. An experimental investigation of stream lines around ships' models. (International marine engineering. New York, 1908. v. 13, p. 20–22.) † VXA

30. —— The influence of midship-section shape upon the resistance of ships. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1908. v. 16, p. 13–19.) VXA

31. —— —— (International marine engineering. New York, 1908. v. 13, p. 525–528.) † VXA

32. Ulffers. Ein einfaches Verfahren zur raschen Bestimmung der Querstabilität eines Schiffes. (Schiffbau. Berlin, 1908. Jahrg. 10, p. 192–196.) † VXA

33. Wellenkamp, H. Ship-model experiments. (Engineering. London, 1908. v. 85, p. 562–564.) VDA

34. Willey, D. A. Towing tank at the University of Michigan. illus. (Scientific American. New York, 1908. v. 98, p. 428–429.) VA

1909

35. Ahlborn, Fr. Die Widerstandsvorgänge im Wasser an Platten und Schiffskörpern. illus. 22 pl. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1909. Bd. 10, p. 370–436.) † VXA

36. Attwood, Edward Lewis. Text-book of theoretical naval architecture. New York: Longmans, Green, and Co., 1909. ix, 458 p., 4 pl. 5. ed. 8°. VXH

37. Biles, Sir John Harvard. Fifty years of warship-building on the Clyde. illus. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1909. v. 52, p. 347–370.) VDA

38. —— —— (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1910. v. 26, p. 119–142.) VXA

39. Bruhn, J. The influence of form and bulkheads on the strength of ships. (Institution of Naval Architects. Transactions. London, 1909. v. 51, p. 233–250.) VXA

40. Denny, Leslie. Modern ship design. (Mechanical engineer. Manchester, 1909. v. 23, p. 296–298.) VFA

41. Donald, James. Structural rules for ships. 21 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1909. v. 17, p. 321–384.) VXA

42. —— —— [New York, 1909.] 61 p., 20 tables. 4°. (Society of Naval Architects and Marine Engineers. [Advance copies of papers to be read at the 17th general meeting, 1909. no. 11.]) † VXA

Naval Architecture, continued.

1909, continued.

43. Everett, H. A. The development and present status of the experimental model-towing basin. (International marine engineering. New York, 1909. v. 14, p. 35–39, 63–67, 98–103.) † VXA

44. The **Experimental** tank in Paris. illus. (Engineer. London, 1909. v. 107, p. 340–342.) VA

45. Goulaeff, E. E. Unsinkable and uncapsizable ships. The Goulaeff form and system of construction. illus. (Scientific American supplement. New York, 1909. v. 67, p. 100–103.) VA

46. Greenhill, George. A note on ship geometry. illus. (Institution of Naval Architects. Transactions. London, 1909. v. 51, p. 214–219.) VXA

47. Hovgaard, William. Strength of water-tight bulkheads. 2 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1909. v. 17, p. 385–439.) VXA

48. —— —— [New York, 1909.] 50 p., 1 diagr. 4°. (Society of Naval Architects and Marine Engineers. [Advance copies of papers to be read at the 17th general meeting, 1909. no. 13.]) † VXA

49. Hunter, G. B., and E. W. De Rusett. Sixty years of merchant shipbuilding on the north-east coast. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1909. v. 52, p. 323–346.) VDA

50. —— —— (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1910. v. 26, p. 95–118.) VXA

51. Jack, J. R. Ships' specifications. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1909. v. 52, p. 160–179.) VDA

52. Kielhorn, Carl. Die Profilfrage im deutschen Handelsschiffbau. (Schiffbau. Berlin, 1909. Jahrg. 10, p. 779–785, 815–819.) † VXA

53. Laws, Bernard C. The stability of floating docks. (Cassier's magazine. New York, 1909. v. 36, p. 516–522.) VDA

54. Liddell, A. R. Stability and comfort. (Engineer. London, 1909. v. 107, p. 386–387.) VA

55. McEntee, William. Some ship-shaped stream forms. 7 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1909. v. 17, p. 185–196.) VXA

56. —— —— [New York, 1909.] 7 p., 6 diagrs. 4°. (Society of Naval Architects and Marine Engineers. [Advance copies of papers to be read at the 17th general meeting, 1909. no. 4.]) † VXA

57. Management and equipment of an experimental tank. (Engineer. London, 1909. v. 108, p. 49–50, 80–81, 101–104.) VA

58. Murray, Athole James. Notes on the strength of steel watertight bulkheads. 4 pl. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1909. v. 25, p. 227–239, 259–261, 277–282.) VXA

59. Report of the experimental tank committee (1908). (Institution of Naval Architects. Transactions. London, 1909. v. 51, p. 144–163.) VXA

60. —— (Engineering. London, 1909. v. 87, p. 539–542.) VDA

61. Sadler, Herbert Charles. The effect of bossing upon resistance. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1909. v. 52, p. 147–159.) VDA

62. —— The influence of the position of the midship section upon the resistance of some forms of vessels. 3 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1909. v. 17, p. 181–184.) VXA

63. —— —— [New York, 1909.] 2 p., 3 diagrs. 4°. (Society of Naval Architects and Marine Engineers. [Advance copies of papers to be read at the 17th general meeting, 1909. no. 3.]) † VXA

64. —— The resistance of some full types of vessels. (International marine engineering. New York, 1909. v. 14, p. 319–321.) † VXA

65. Schmidt, Alfred. Abgekürztes Verfahren zur Bestimmung der Längsfestigkeit von Schiffen. (Schiffbau. Berlin, 1909. Jahrg. 10, p. 792–795, 819–826, 856–863, 889–899.) † VXA

66. Skerrett, R. G. The value of the model experimental basin in ship designing. illus. (Cassier's magazine. New York, 1909. v. 35, p. 603–619.) VDA

67. Smith, John. Launching calculations. (Engineering. London, 1909. v. 88, p. 261–266.) VDA

68. —— On launching calculations, with special reference to the effect of camber. (Institution of Naval Architects. Transactions. London, 1909. v. 51, p. 198–213.) VXA

69. Some novel aspects of warship design. (In: Navy League annual, 1909–1910. London, 1909. p. 192–201.) VXA

70. Stanton, Thomas Ernest. On the resistance of thin plates and models in a

Naval Architecture, continued.

1909, continued.

current of water. (Institution of Naval Architects. Transactions. London, 1909. v. 51, p. 164–175.) **VXA**

71. —— —— (Engineer. London, 1909. v. 107, p. 405–406.) **VA**

72. **Taylor,** David Watson. The effect of parallel middle body upon resistance. 13 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1909. v. 17, p. 171–179.) **VXA**

73. —— —— [New York, 1909.] 5 p., 10 diagrs., 1 table. 4°. (Society of Naval Architects and Marine Engineers. [Advance copies of papers to be read at the 17th general meeting, 1909. no. 2.]) † **VXA**

74. The **Trend** of British battleship design. (In: Navy League annual, 1909–1910. London, 1909. p. 177–182.) **VXA**

75. **Warrington,** James N. A system of mathematical lines for ships. 5 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1909. v. 17, p. 441–453.) **VXA**

76. —— —— [New York, 1909.] 12 p., 5 diagrs., 1 table. 4°. (Society of Naval Architects and Marine Engineers. [Advance copies of papers to be read at the 17th general meeting, 1909. no. 9.]) † **VXA**

77. **Water-tight** bulkheads in passenger vessels. (Engineer. London, 1909. v. 107, p. 207–208.) **VA**

1910

78. **Experimental** tank at the National Physical Laboratory. illus. (Engineer. London, 1910. v. 109, p. 249; v. 110, p. 564–565.) **VA**

79. **Glazebrook,** Richard Tetley. Report on the progress of the national experimental tank. (Institution of Naval Architects. Transactions. London, 1910. v. 52, p. 22–27.) **VXA**

80. —— —— (Engineer. London, 1910. v. 109, p. 286.) **VA**

81. **Herner,** Heinrich. Schiffbau. Hannover: Max Jänecke [1910]. viii, 220 p. 12°. (Bibliothek der gesamten Technik. Bd. 156.) **VXH**

82. **Hopf,** Ludwig. Hydrodynamische Untersuchungen. Leipzig: J. A. Barth, 1910. 91 p. 8°. **VDM p.v.7, no.3**

83. **Horn,** Fritz. Die dynamischen Wirkungen der Wellenbewegung auf die Längsbeanspruchung des Schiffskörpers. Berlin: J. Springer, 1910. 118 p., 1 l., 3 diagrs. 4°. **VXH**

84. **Hovgaard,** William. An analysis of tests of watertight bulkheads with practical rules and tables for their construction. 5 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1910. v. 18, p. 83–124.) **VXA**

85. **Liddell,** A. R. Germanischer Lloyd rules. (Engineer. London, 1910. v. 110, p. 699–700.) **VA**

86. —— Rules for shipbuilding. (Engineer. London, 1910. v. 110, p. 429.) **VA**

87. —— Stability models and tables. (Engineer. London, 1910. v. 110, p. 215–217.) **VA**

88. **McGovern,** John. The structural arrangements and strengths of certain types of ships. (Liverpool Engineering Society. Transactions. Liverpool, 1910. v. 31, p. 334–364.) **VDA**

89. **Mallock,** A. Note on experiments made by Mr. R. E. Froude, F. R. S., on the forces operating on plane and curved surfaces when travelling at various speeds in water. (In: Great Britain. — Aeronautics Advisory Committee. Report. London, 1910. p. 39–40.) **VDW**

90. **N.,** G. Some points in the design and construction of ships. (Nautical magazine. Glasgow, 1910. v. 83, p. 253–260, 477–484; v. 84, p. 5–13, 234–240.) **VXA**

91. **Ott,** Jul. Beitrag zur Berechnung der Querstabilität von Schiffen. (Schiffbau. Berlin, 1910. Jahrg. 11, p. 636–646, 671–676, 712–720.) † **VXA**

92. **Stability** of ships. (Engineer. London, 1910. v. 109, p. 267–268.) **VA**

93. **Taylor,** David Watson. A new method for determining the final diameter of a ship. (United States Naval Institute. Proceedings. Annapolis, 1910. v. 36, p. 501–506.) **VXA**

1911

94. **Abell,** Westcott Stile. Ship-model tanks; their purpose and application. (Liverpool Engineering Society. Transactions. Liverpool, 1911. v. 32, p. 11–35.) **VDA**

95. **Alexander,** F. H. Bending moments of ships among waves. (Engineering. London, 1911. v. 91, p. 563–565.) **VDA**

96. —— The influence of longitudinal distribution of weight upon the bending moments of ships among waves. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 1, p. 103–117.) **VXA**

97. —— Note on a method of calculating cross curves of stability. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1911, v. 27, p. 183–190, 193–198.) **VXA**

Naval Architecture, continued.

1911, continued.

98. Anti-rolling tanks for steadying ships at sea. (Scientific American. New York, 1911. v. 104, p. 502.) **VA**

99. Baker, George S. The national experiment tank and its equipment. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 1, p. 37–52; v. 54, p. 58–67.) **VXA**

100. —— —— (Engineering. London, 1911. v. 91, p. 445–450, 452.) **VDA**

101. Ballard, Maxwell. Notes on a new design of merchant vessel. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 1, p. 297–312.) **VXA**

102. —— —— (Marine engineer and naval architect. London, 1911. v. 33, p. 402–405, 457–460.) **VXA**

103. —— —— (Engineering. London, 1911. v. 91, p. 770–773.) **VDA**

104. Biles, Sir John Harvard. The design and construction of ships. London: Charles Griffin and Co., 1908–11. 2 v. 8°. **VXH**

105. —— Rolling of ships. (Engineer. London, 1911. v. 112, p. 241–242.) **VA**

106. Brewer, C. B. Models of vessels. (Cassier's magazine. New York, 1911. v. 40, p. 40–54.) **VDA**

107. Burgoyne, Alan Hughes. The development of the "Dreadnought" type. (In: Navy League annual, 1911–1912. London, 1911. p. 241–255.) **VXA**

108. Cálculos prácticos relativos al buque. (Centro naval, Buenos Aires. Boletín. Buenos Aires, 1911. tomo 29, p. 583–609.) **VXA**

109. Coker, Ernest George. The determination, by photo-elastic methods, of the distribution of stress in plates of variable section, with some applications to ships' plating. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 1, p. 265–296.) **VXA**

110. —— Photo-elastic determination of stress. (Engineering. London, 1911. v. 91, p. 531–533, 566–568.) **VDA**

111. Doig, Peter. The powering of merchant ships and design of their forms. (International marine engineering. New York, 1911. v. 16, p. 310–312.) † **VXA**

112. Flamm, Oswald. The scientific study of naval architecture in Germany. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 2, p. 201–218.) **VXA**

113. —— —— (Engineering. London, 1911. v. 92, p. 54–55.) **VDA**

114. Frahm, H. Neuartige Schlingertanks zur Abdämpfung von Schiffsrollbewegungen. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1911. Bd. 12, p. 283–365.) † **VXA**

115. —— Results of trials of the anti-rolling tanks at sea. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 1, p. 183–216.) **VXA**

116. —— —— (Engineering. London, 1911. v. 91, p. 480–483, 533–537.) **VDA**

117. Gebers, Fr. Die Entwicklung einer neuen Schleppdampferart für Schiffahrtskanäle durch Modellversuche. illus. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1911. Bd. 12, p. 420–450.) † **VXA**

118. Hillhouse, P. A. The block coefficient. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1911. v. 54, p. 27–52.) **VDA**

119. Horn, Fritz. Zur Theorie der Frahmschen Schlingerdämpfungstanks. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1911. Bd. 12, p. 453–480.) † **VXA**

120. Hovgaard, William. An analysis of tests of water-tight bulk-heads with practical rules and tables for their construction. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1911. v. 18, p. 83–124.) **VXA**

121. Idle, George. The rolling of ships. illus. (Engineer. London, 1911. v. 111, p. 447–448, 461–462, 489–490.) **VA**

122. Laws, Bernard C. The stability of ships. (Cassier's magazine. New York, 1911. v. 40, p. 360–368.) **VDA**

123. Liddell, A. R. Approximate stability. (Engineer. London, 1911. v. 112, p. 604–606.) **VA**

124. Lienau, Otto. Der Einfluss des Sprunges auf die Seefähigkeit von Schiffen und die wirtschaftlichen Vorteile sprungloser Schiffe. (Schiffbau. Berlin, 1911. Jahrg. 12, p. 845–848, 885–894.) † **VXA**

125. Meyer, F., and R. Rahusen. Schiffbau und Schiffsmaschinenbau. (In: "Hütte" des Ingenieurs Taschenbuch. Berlin: Wilhelm Ernst & Sohn, 1911. 21. ed. v. 2, p. 654–803.) **VFC**

126. Montgomerie, James. Considerations affecting local strength calculations. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 1, p. 118–138.) **VXA**

127. The **National** experimental tank. illus. (Nature. London, 1911. v. 86, p. 519–523.) **OA**

128. Pietzker, Felix. Festigkeit der Schiffe. Berlin: E. S. Mittler und Sohn, 1911. vii p., 1 l., 176 p. 4°. (Germany. — Marine Amt.) **VXH**

Naval Architecture, continued.

1911, continued.

129. **Ploeg,** J. van. Mechanica en stabiliteit... Amsterdam: "Kweekschool voor de zeevaart," 1911. ix, 215(1) p., 5 plans. illus. 8°. **VXH**

130. **Prendergast,** Maurice. The evolution of the capital ship. (Navy League annual, 1911–1912. London, 1911. p. 210–228.) **VXA**

131. **Roberts,** T. G. Ship calculations; derivation and analysis of methods. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1911. v. 19, p. 259–285.) **VXA**

132. **Russo,** G. Fifty years' progress of shipbuilding in Italy. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 2, p. 252–278.) **VXA**

133. **Stieghorst,** J. Längsschotte als Scherverband eines Schiffes und ihr Einfluss auf den Bau der Aussenhaut. (Schiffbau. Berlin, 1911. Jahrg. 12, p. 725–730, 768–773, 819–825, 849–853, 897–904; Jahrg. 13, p. 9–17, 49–55, 91–98, 132–138, 172–178.) † **VXA**

134. **Taylor,** David Watson. Some model basin investigations of the influence of form of ships upon their resistance. 26 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1911. v. 19, p. 59–66.) **VXA**

135. **Terano,** S., and M. Yukawa. The development of merchant shipbuilding in Japan. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 2, p. 135–148.) **VXA**

136. —— —— (Engineering. London, 1911. v. 92, p. 107–110.) **VDA**

137. **Thearle,** S. J. P. Fifty years' developments in mercantile ship construction. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 2, p. 149–162.) **VXA**

138. —— —— (Engineering. London, 1911. v. 92, p. 69–72.) **VDA**

139. **Waldmann,** Ernst. Einfluss der Schiffsvermessung auf die Stabilität der Schiffe. (Schiffbau. Berlin, 1911. Jahrg. 12, p. 490–496, 527–531, 571–577.) † **VXA**

140. **Watts,** Sir Philip. Warship building (1860–1910). (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 2, p. 291–337.) **VXA**

141. **Welch,** John Joseph. The problem of size in battleships. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 1, p. 1–28.) **VXA**

142. —— —— (Engineering. London, 1911. v. 91, p. 442–445.) **VDA**

143. **White,** Sir William Henry. On the maximum dimensions of ships. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1911. v. 19, p. 1–36.) **VXA**

144. —— —— (Engineer. London, 1911. v. 112, p. 570–572.) **VA**

145. —— —— [New York, 1911.] 19 p. 4°. †† **VBA p.v.7, no.21**

1912

146. **Attwood,** Edward Lewis. Text-book of theoretical naval architecture. London: Longmans, Green, and Co., 1912. ix p., 1 l., 518 p., 3 diagrs., 3 tables. 6. ed. 12°. **VXH**

147. **Baker,** George S. William Froude National Tank. illus. (Engineer. London, 1912. v. 113, p. 415–416.) **VA**

148. —— —— (Engineering. London, 1912. v. 93, p. 418–420.) **VDA**

149. **Bertin,** Louis Émile. L'accroissement des dimensions des navires. (Revue générale des sciences. Paris, 1912. tome 23, p. 382–389.) **OA**

150. **Bourdelle,** Pierre Marc. Théorie du navire. Paris: O. Doin et fils, 1912. 2 v. 12°. (Encyclopédie scientifique. Bibliothèque de mécanique appliquée et génie.) **VXH**

151. **Burgoyne,** Alan Hughes. Thoughts on the development of ship type. (Navy League annual, 1912–1913. London, 1912. p. 294–307.) **VXA**

152. **Cannon,** A. Results of calculations regarding the effect of an internal free fluid upon the initial stability and the stability at large angles in ships of various forms. (Institution of Naval Architects. Transactions. London, 1912. v. 54, p. 124–144.) **VXA**

153. **Félix,** A. Théorie du navire. Paris: A. Challamel, 1912. 2 p.l., viii, 288 p. 4°. (Cours de l'École navale.) **VXH**

154. **Given,** E. C. "Anti-rolling devices for ships." (Liverpool Engineering Society. Transactions. Liverpool, 1912. v. 33, p. 109–136.) **VDA**

155. **Grunsky,** Carl Ewald. The ultimate dimensions of the largest sea-going vessels. (Association of Engineering Societies. Journal. Boston, 1912. v. 49, p. 156–173.) **VDA**

156. **Haver,** A. H. Certain aspects of ship resistance as disclosed by the performance of the corrugated sided vessel "Monitoria." 6 pl. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. Newcastle-upon-Tyne, 1912. v. 28, p. 59–123.) **VXA**

Naval Architecture, continued.

1912, continued.

157. Idle, George, and G. S. Baker. The effect of bilge keels on the rolling of lightships. (Institution of Naval Architects. Transactions. London, 1912. v. 54, p. 103–123.) **VXA**

158. Liddell, A. R. Waves and ship form. (Engineer. London, 1912. v. 113, p. 343–344.) **VA**

159. Massenet, G., and A. Lucas. Éléments de théorie du navire... Paris: A. Challamel, 1912. vi, 119(1) p., 2 diagrs. illus. 8°. **VXF**

160. Muth, D. Schwimmdockberechnung. (Schiffbau. Berlin, 1912. Jahrg. 13, p. 595–600.) † **VXA**

161. Neudeck, G., and others. Der moderne Schiffbau. Leipzig: B. G. Teubner, 1912. 2 v. 8°. **VXH**

162. Nicol, George. Ship construction and calculations... Glasgow: J. Brown & Son, 1912. 3 p.l., 396 p. [2. ed.] 8°. **VXH**

163. Peabody, Cecil Hobart. A retrospect of fifteen years of ship design and construction. (International marine engineering. New York, 1912. v. 17, p. 93–98.) † **VXA**

164. Rothe, Hans Heinrich Albrecht. Der Widerstand und Antrieb von Schiffen. Berlin: M. Krayn, 1912. viii, 292 p. 8°. **VXHD**

165. Ship form coefficients. (Nautical magazine. Glasgow, 1912. v. 88, p. 644–651.) **VXA**

166. Stanton, Thomas Ernest. The law of comparison for surface friction and eddy-making resistances in fluids. (Institution of Naval Architects. Transactions. London, 1912. v. 54, p. 48–57.) **VXA**

167. Strength of ships. (Engineer. London, 1912. v. 113, p. 667–669.) **VA**

168. Suyehiro, K. On shearing stress in a ship's structure. (Engineering. London, 1912. v. 94, p. 894–896.) **VDA**

169. White, Sir William Henry. Sur les dimensions maxima des navires. (France. — Ministère de la Marine. Revue maritime. Paris, 1912. tome 192, p. 497–509.) **VXA**

170. —— Über Schiffe mit maximalen Dimensionen. (Austria. — Marine-technische Komitee. Mitteilungen aus dem Gebiete des Seewesens. Pola, 1912. Jahrg. 40, p. 426–452.) **VXA**

171. Wrobbel, Gustav. Ein Vorschlag zur Erhöhung der Schwimmfähigkeit der grossen Ozeandampfer. (Schiffbau. Berlin, 1912. Jahrg. 13, p. 591–595.) † **VXA**

1913

172. Baker, George S. Methodical experiments with mercantile ship forms. (Institution of Naval Architects. Transactions. London, 1913. v. 55, part 1, p. 162–180.) **VXA**

173. —— —— (Engineer. London, 1913. v. 115, p. 561–564.) **VA**

174. —— —— (Engineering. London, 1913. v. 95, p. 506–510.) **VDA**

175. Baker, G. S., and J. L. Kent. Effect of form and size on the resistance of ships. (Institution of Naval Architects. Transactions. London, 1913. v. 55, part 2, p. 37–60.) **VXA**

176. —— —— (Engineering. London, 1913. v. 96, p. 132–137.) **VDA**

177. Bruhn, J. Watertight subdivision of ships. illus. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1913. v. 56, p. 149–253.) **VDA**

178. Burgoyne, Alan Hughes. Developments in battleship type. (In: Navy League annual, 1913–1914. London, 1913. p. 270–292.) **VXA**

179. Cannon, A. Experimental determination of the effect of internal loose water upon the rolling of a ship. (Institution of Naval Architects. Transactions. London, 1913. v. 55, part 2, p. 76–90, 108–117.) **VXA**

180. —— Notes on initial stability. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1913. v. 56, p. 309–331.) **VDA**

181. Dickie, George W. On the possibility of building a large passenger liner that would not under any of the known mishaps at sea lose her buoyancy or stability and sink. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 21, p. 25–30.) **VXA**

182. Flamm, Oswald. Die Unsinkbarkeit moderner Seeschiffe. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1913. Bd. 14, p. 534–602.) † **VXA**

183. —— Unsinkability of modern seagoing ships. (Engineering. London, 1913. v. 95, p. 215–217.) **VDA**

184. Gatewood, William. Structure of vessels as affected by demand for increased safety. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 21, p. 31–45.) **VXA**

185. Guembel. Das Problem des Oberflächenwiderstandes. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1913. Bd. 14, p. 393–509.) † **VXA**

Naval Architecture, continued.

1913, continued.

186. Liddell, A. R. Some further notes on approximate stability. (Engineer. London, 1913. v. 115, p. 432–433.) **VA**

187. —— Watertight subdivision. (Engineer. London, 1913. v. 115, p. 547–548.) **VA**

188. Peabody, Cecil Hobart. Resistance of bilge keels. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 21, p. 9–23.) **VXA**

189. Peskett, L. On shipbuilding contracts. (Institution of Naval Architects. Transactions. London, 1913. v. 55, part 2, p. 1–15.) **VXA**

190. Purvis, F. P. Note of a geometrical feature of ordinary curves of metacentres. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1913. v. 56, p. 292–308.) **VDA**

191. Rodgers, William Ledyard. The influence of national policies on ships' design. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 21, p. 67–74.) **VXA**

192. Steele, James Edward. Ship construction treated from a structural engineering standpoint. (International marine engineering. New York, 1913. v. 18, p. 385–389.) † **VXA**

193. Suyehiro, K. On shearing stress in a ship's structure. (Tokyo Imperial University. — College of Engineering. Journal. Tokyo, 1913. v. 5, p. 181–190.) **VDA**

194. Taylor, David Watson. Relative resistances of some models with block coefficient constant and other coefficients varied. 12 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 21, p. 1–7.) **VXA**

195. Tobin, T. C. The weight factor in merchant ship design. (Liverpool Engineering Society. Transactions. Liverpool, 1913. v. 34, p. 255–281.) **VDA**

196. Tunkl, Franz von. Schiffahrt und Seewesen... Wien: A. Hartleben's Verlag, 1913. xiii, 440 p., 3 maps. illus. 8°. **VXH**

197. United States. — Commerce Department. Report to the secretary of commerce on hulls and bulkheads, International Conference on Safety at Sea. n. t.-p. Washington: [Gov. Prtg. Off.,] 1913. 47 p. 8°. **VXC p.v.19, no.5**

198. The **Unsinkable** ship. illus. (Engineer. London, 1913. v. 115, p. 171.) **VA**

199. White, E. S. The influence of form on the economical running of a ship. 4 pl. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. Newcastle-upon-Tyne, 1913. v. 29, p. 47–84.) **VXA**

200. Willey, D. A. Model experimental tank. illus. (Marine review. New York, 1913. v. 43, p. 345–349.) † **VXA**

201. Woollard, Lloyd. The effect of water chambers on the rolling of ships. (Institution of Naval Architects. Transactions. London, 1913. v. 55, part 2, p. 91–117.) **VXA**

1914

202. American Bureau of Shipping, New York. Rules for building and classing vessels... New York: American Bureau of Shipping [1914]. 1 v. diagrs. 8°. **VXA**

203. Attwood, Edward Lewis, and I. C. G. Cooper. A text-book of laying off; or, The geometry of shipbuilding. London: Longmans, Green, and Co., 1914. 4 p.l., 119 p., 1 diagr., 1 pl. 8°. **VXH**

204. Ayre, A. L. The watertight subdivision of ships and the effect of bilging. (International marine engineering. New York, 1914. v. 19, p. 219–220, 266–268, 300–302, 348–351, 394–396.) † **VXA**

205. Baker, George S. Model experiments on the resistance of mercantile ship forms. (Institution of Naval Architects. Transactions. London, 1914. v. 56, p. 53–64.) **VXA**

206. —— —— (Engineering. London, 1914. v. 97, p. 465–468.) **VDA**

207. Barber, G. H. Launching calculations. (International marine engineering. New York, 1914. v. 19, p. 546–550.) † **VXA**

208. Bauer, M. H. Harmonie der Schiffsformen. illus. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1914. Bd. 15, p. 257–285.) † **VXA**

209. Benjamin, Ludwig. Über das Mass der Stabilität der Schiffe. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1914. Bd. 15, p. 594–614.) † **VXA**

210. Bertin, Louis Émile. La marine moderne; ancienne histoire et questions neuves. Paris: E. Flammarion, 1914. 2 p.l., 388 p. illus. 8°. (Bibliothèque de philosophie scientifique.) **VXH**

211. Commentz, Carl. Bedeutung und Messung der Stabilität von Seeschiffen. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1914. Bd. 15, p. 615–645.) † **VXA**

212. Dickie, George W. The unsinkable ship. illus. (Engineer. London, 1914. v. 117, p. 163–164.) **VA**

Naval Architecture, continued.

1914, continued.

213. **Doig,** Peter. The design of merchant ship forms. A systematic method for correlating the various factors in determining the best form for a merchant ship. (International marine engineering. New York, 1914. v. 19, p. 162–163, 200–201.) **VXA**

214. **Flamm,** Oswald. Beitrag zur Frage der Unsinkbarkeit moderner Seeschiffe. illus. (Schiffbau. Berlin, 1914. Jahrg. 16, p. 21–30, 41–46.) † **VXA**

215. **Gracie,** Alexander. "Twenty years' progress in marine construction." (Institution of Civil Engineers. Minutes and proceedings. London, 1914. v. 194, p. 281–404.) **VDA**

216. **Howards,** J. E. Measurement of strains in a ship's hull. illus. (International marine engineering. New York, 1914. v. 19, p. 185–191.) † **VXA**

217. **John,** T. G. Shipbuilding practice of the present and future. (Institution of Naval Architects. Transactions. London, 1914. v. 56, p. 291–312.) **VXA**

218. —— —— (Engineering. London, 1914. v. 98, p. 68–71.) **VDA**

219. **Keith,** H. H. W. Notes on model basins. (American Society of Marine Draftsmen. Journal. Washington, 1914. v. 1, p. 33–44.) † **VXA**

220. **Knowles,** F. P. Relation of length and displacement to the I. H. P. of a vessel. (American Society of Marine Draftsmen. Journal. Washington, 1914. v. 1, p. 88–98.) † **VXA**

221. **Laws,** Bernard C. Stability and equilibrium of floating bodies... London: Constable and Co., 1914. ix, 251 p. illus. 8°. **PBO**

222. **Liddell,** Arthur R. Freeboard by formula. (Engineer. London, 1914. v. 117, p. 279–280.) **VA**

223. The **Longitudinal** strength of a vessel. (Marine engineer and naval architect. London, 1914. v. 36, p. 347–348, 379–381.) **VXA**

224. **Paterson,** John Hamilton. Deck-sheathing compositions. A technical discussion of the various materials used as flooring for ships. (Marine review. Cleveland, 1914. v. 44, p. 485–487.) † **VXA**

225. **Peskett,** L. On the design of steamships from the owner's point of view. (Institution of Naval Architects. Transactions. London, 1914. v. 56, p. 173–192.) **VXA**

226. **Rigg,** E. H. Conditions surrounding modern ship design. (American Society of Marine Draftsmen. Journal. Washington, 1914. v. 1, p. 69–80.) † **VXA**

227. **Robinson,** Richard Hallett Meredith. Naval construction; prepared for the use of the midshipmen of the United States Naval Academy... Annapolis, Md.: U. S. Naval Institute, 1914. vi p., 3 l., 423 p., 10 folded diagrs., 10 folded plans, 7 pl. 3. ed. 8°. **VXH**

228. **Sadler,** Herbert Charles. The expansion or contraction of dimensions and the effect upon resistance. 5 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1914. v. 22, p. 57–60.) **VXA**

229. **Schaffran,** Karl. Die Ausführung und Auswertung von Versuchen mit Schiffsmodellen und Modellpropellern. (Austria. — Kaiserlich-königlich Technisches Versuchsamt. Mittheilungen. Vienna, 1914–15. Jahrg. 3, Heft 4, p. 7–24; Jahrg. 4, Heft 1, p. 7–36; Heft 2, p. 28–54; Heft 3, p. 65–75.) **VA**

230. **Scribanti,** A. On the additional reserve of buoyancy due to camber of beams and to sheer of deck in ships. illus. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1914. v. 57, p. 106–120.) **VDA**

231. **Ships** and shipping. London: T. Nelson and Sons [1914]. 2 v. illus. 16°. (Nelson's encyclopaedic library.) **VXH**

232. **Siemann.** Spannungsmessungen an Bord von Schiffen. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1914. Bd. 58, p. 1161–1174.) **VDA**

233. **Simpson,** George. The naval constructor: a vade mecum of ship design for students, naval architects, shipbuilders and owners... New York: D. Van Nostrand Co., 1914. xiii, 819 p. diagrs., tables. 3. ed., rev. and enl. 12°. **Desk – Tech. Div.**

234. **Taylor,** David Watson. Relative resistances of ships' models. (Engineering. London, 1914. v. 97, p. 66–67.) **VDA**

235. —— Relative resistances of some models with block coefficient constant and other coefficients varied. (International marine engineering. New York, 1914. v. 19, p. 7–12.) † **VXA**

236. —— Some experiments with models having radical variations of after sections. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1914. v. 22, p. 61–65.) † **VXA**

1915

237. The **A B C** of the stability of ships. (Marine review. Cleveland, 1915. v. 45, p. 329–330.) † **VXA**

238. **Attwood,** Edward Lewis. Text-book of theoretical naval architecture... New

Naval Architecture, continued.

1915, continued.

impression. London: Longmans, Green, and Co., 1915. ix p., 1 l., 518 p., 1 folded diagr., 5 folded tables. illus. 12°. **VXH**

239. **Baker,** George S. Ship form, resistance, and screw propulsion... New York: D. Van Nostrand Co., 1915. vi p., 1 l., 245 p., 1 l., 4 folded diagrs., 1 pl. 8°. **VXH**

240. **Benjamin,** Ludwig. Über die Rollschwingungen der Schiffe und ihre Beziehungen zur Stabilität. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1915. Bd. 16, p. 403–441.) † **VXA**

241. **Brimblecombe,** P. Y. Stability. (Marine engineer and naval architect. London, 1915. v. 37, p. 290–295.) **VXA**

242. **Donald,** James. Ship subdivision rules adopted at International Conference. (Engineering. London, 1915. v. 99, p. 57–60.) **VDA**

243. **Eley,** Charles V. A. How to save a big ship from sinking... London: Simpkin, Marshall, Hamilton, Kent & Co. [1915.] xi, 195 p., 1 pl. diagrs., plans. 12°. **VXHG**

244. **Everett,** H. A. Steamship design. A method of determining the principal dimensions. (International marine engineering. New York, 1915. v. 20, p. 436–440.) † **VXA**

245. **Finlay,** K. G. The increase of safety afforded by a water-tight deck. (Institution of Naval Engineers. Transactions. London, 1915. v. 57, p. 31–40.) **VXA**

246. **Gatewood,** William. Stability of vessels. (Marine review. New York, 1915. v. 45, p. 7–9.) † **VXA**

247. **Holt,** C. F. The strength and spacing of transverse beams. (Institution of Naval Architects. Transactions. London, 1915. v. 57, p. 70–97.) **VXA**

248. —— —— (Engineering. London, 1915. v. 99, p. 504–507, 528–530.) **VDA**

249. **International Engineering Congress,** San Francisco, 1915. Naval architecture and marine engineering. San Francisco [:Neal Pub. Co., 1916]. v, 796 p., 3 charts, 73 plans, 11 tables. 8°. (Transactions. v. 10.) **VDA**

250. **Kent,** J. L. Further model experiments on the resistance of mercantile ship forms and the influence of length and prismatic coefficient on the resistance of ships. (Institution of Naval Architects. Transactions. London, 1915. v. 57, p. 154–173.) **VXA**

251. —— —— (Engineering. London, 1915. v. 99, p. 474–477, 501–504.) **VDA**

252. **Montgomerie,** James. The scantlings of light superstructures. (Institution of Naval Architects. Transactions. London, 1915. v. 57, p. 52–69.) **VXA**

253. **Murray,** Athole James. Determination of allowable stresses in ship construction. (American Society of Marine Draftsmen. Journal. Washington, 1915. v. 1, p. 126–131.) † **VXA**

254. **On** the execution of stability calculations. (International marine engineering. New York, 1915. v. 20, p. 465.) † **VXA**

255. **Report** of the Committee on Ships' Bulkheads. [Editorial.] (Engineering. London, 1915. v. 99, p. 49–51.) **VDA**

256. **Rossell,** H. E. Water-tight subdivision of merchant ships. (United States Naval Institute. Proceedings. Annapolis, 1915. v. 41, p. 1202–1222.) **VXA**

257. **Rossi,** Giuseppe. Manuale del costruttore navale. Con...nomenclatura in italiano-francese-inglese-tedesco. Milano: U. Hoepli, 1915. 2 p.l., (i)viii–xvi, 815 (1) p., 3 folded tables. illus. 2. ed. 16°. (Manuali Hoepli.) **VXH**

258. **Schaffran,** Karl. Systematische Versuche mit Schiffsmodellen. (Schiffbau. Berlin, 1915. Jahrg. 16, p. 151–156.) † **VXA**

259. **Spanner,** E. F. Notes on the cross curves and G Z curves of stability. (Institution of Naval Architects. Transactions. London, 1915. v. 57, p. 201–212.) **VXA**

260. —— —— (Engineering. London, 1915. v. 100, p. 69–72.) **VDA**

261. **Taylor,** David Watson. Calculations for ships' forms. Light thrown by model experiments upon resistance, propulsion and rolling of ships. (International marine engineering. New York, 1915–16. v. 20, p. 443–445; v. 21, p. 71–75, 246–250.) † **VXA**

262. **Welch,** John Joseph. The watertight subdivision of ships. (Institution of Naval Architects. Transactions. London, 1915. v. 57, p. 1–30.) **VXA**

263. —— —— (Engineering. London, 1915. v. 99, p. 364–368.) **VDA**

1916

264. **Abell,** Westcott Stile. Some questions in connection with the work of the load line committee. (Institution of Naval Architects. Transactions. London, 1916. v. 58, p. 16–51.) **VXA**

265. **Ayre,** Wilfrid. The standardization of stability curves. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. Newcastle-upon-Tyne, 1916. v. 32, p. 164–193.) **VXA**

Naval Architecture, continued.

1916, continued.

266. Baier, L. A. Inclining experiments. (International marine engineering. New York, 1916. v. 21, p. 227–229.) † VXA

267. Baker, George S. Notes on model experiments. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. Newcastle-upon-Tyne, 1916. v. 32, p. 41–136.) VXA

268. Capital ship of the future. (Engineer. London, 1916. v. 122, p. 319–320.) VA

269. Denny, Archibald. Subdivision of merchant vessels. (Institution of Naval Architects. Transactions. London, 1916. v. 58, p. 150–154.) VXA

270. —— —— (Engineering. London, 1916. v. 101, p. 372.) VDA

271. Economical forms for ships. (Shipbuilding and shipping record. London, 1916. v. 7, p. 341–342, 399, 474–475, 521–523; v. 8, p. 106, 233–235.) VXA

272. Everett, H. A. Freeboard: its preliminary determination. (International marine engineering. New York, 1916. v. 21, p. 194–201.) VXA

273. Holbrook, G. G. Notes on the stresses in ships. (American Society of Marine Draftsmen. Journal. Washington, 1916. v. 3, p. 68–71.) † VXA

274. Holzapfel, A. C. Evolution in shipbuilding. (Scientific American supplement. New York, 1916. v. 81, p. 130–131, 151.) VA

275. King, J. F. Strength of watertight bulkheads. (Institution of Naval Architects. Transactions. London, 1916. v. 58, p. 155–165.) VXA

276. —— —— (Engineering. London, 1916. v. 101, p. 372–375.) VDA

277. Liddell, Arthur R. Form coefficients of vessels. (International marine engineering. New York, 1916. v. 21, p. 176–177.) † VXA

278. Longitudinal stresses of ships. illus. (Engineer. London, 1916. v. 122, p. 344–345.) VA

279. McEntee, William. Notes from the model basin. (International marine engineering. New York, 1916. v. 21, p. 530–533.) VXA

280. —— —— (Shipbuilding and shipping record. London, 1917. v. 9, p. 36–37.) VXA

281. Mackrow, Clement, and Lloyd Woollard. The naval architect's and shipbuilder's pocket-book of formulae, rules, and tables, and marine engineer's and surveyor's handy book of reference... 11th ed., thoroughly revised with a section on aeronautics. London: C. Lockwood and Son, 1916. xii, 742 p. diagrs., tables. 16°. Desk – Tech. Div.

282. Murray, Athole James. Strength of ships... London: Longmans, Green and Co., 1916. viii, 400 p., 4 folded diagrs. illus. tables. 8°. VXH

283. Nicol, George. Lessons in naval architecture for officers of mercantile marine. illus. (Nautical magazine. Glasgow, 1913–16. v. 89, p. 6–11, 114–116, 234–240, 325–329, 529–535; v. 90, p. 24–28, 148–151, 210–213, 307–311, 413–419, 547–549; v. 91, p. 19–25, 105–109, 223–227, 339–341; v. 92, p. 10–14, 107–109; v. 94, p. 219–224, 306–311; v. 95, p. 116–122; v. 96, p. 340–346, 424–432.) VXA

284. Russo, G. An experimental tank reproducing wave motion. (Institution of Naval Architects. Transactions. London, 1916. v. 58, p. 95–104.) VXA

285. Taylor, David Watson. Calculations for ships' forms and the light thrown by model experiments upon resistance, propulsion and rolling of ships. (International Engineering Congress, 1915. Transactions. San Francisco, 1916. v. 10, p. 1–67.) VDA

286. Trask, E. P. Ship design. (American Society of Marine Draftsmen. Journal. Washington, 1916. v. 2, p. 153–167.) † VXA

287. Wall, A. T. Some effects of the bulkhead committee's reports in practice. (Institution of Naval Architects. Transactions. London, 1916. v. 58, p. 166–209.) VXA

288. —— —— (Engineer. London, 1916. v. 119, p. 425–426, 444–445.) VA

289. —— —— (Engineering. London, 1916. v. 101, p. 399–402, 439–440, 486–489.) VDA

290. Watertight doors. (Shipbuilding and shipping record. London, 1916. v. 8, p. 396–397.) † VXA

291. Watts, Sir Philip. The load lines of merchant ships; work of the load line committee (1915). (Institution of Naval Architects. Transactions. London, 1916. v. 58, p. 1–15.) VXA

292. Welch, John Joseph. The time element and related matters in some ship calculations. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. Newcastle-upon-Tyne, 1916. v. 32, p. 137–163.) VXA

Naval Architecture, continued.

1917

293. **Abell,** T. B. "Some principles underlying the water-tight subdivision of ships." (Liverpool Engineering Society. Transactions. Liverpool, 1917. v. 37, p. 15–46.) **VDA**

294. **Baker,** George S. The immediate commercial advantages of experiment tank tests. (Liverpool Engineering Society. Transactions. Liverpool, 1917. v. 37, p. 302–325.) **VDA**

295. —— Skin friction resistance of ships. (Scientific American supplement. New York, 1917. v. 84, p. 316–317.) **VA**

296. **Benvenuti,** E. The closing of side apertures in ships from the bridge. (Institution of Naval Architects. Transactions. London, 1917. v. 59, p. 49–63.) **VXA**

297. The **Geometrical** determination of frame scales. (Shipbuilding and shipping record. London, 1917. v. 9, p. 154–155.) † **VXA**

298. **Holt,** C. F. On the analysis of the results of inclining experiments. (Engineering. London, 1917. v. 104, p. 321–326, 410.) **VDA**

299. **Hughes,** Charles H. Handbook of ship calculations, construction, and operation; a book of reference for shipowners, ship officers, ship and engine draughtsmen, marine engineers, and others engaged in the building and operating of ships... New York: D. Appleton and Co., 1917. xxiv p., 1 l., 740 p. diagrs., tables. 12°. **Desk–Tech. Div.**

300. An **Improved** method of shipbuilding. illus. (Shipbuilding and shipping record. London, 1917. v. 10, p. 488–493.) † **VXA**

301. **Lovett,** W. J. On a method of obtaining for ship design the spacing of bulkheads according to the rules of the international convention. (Institution of Naval Architects. Transactions. London, 1917. v. 59, p. 22–32.) **VXA**

302. —— —— (Shipbuilding and shipping record. London, 1917. v. 9, p. 324–330.) **VXA**

303. **Lucas,** Theodore. Practical shipbuilding. illus. (Nautical gazette. New York, 1917. v. 91, June 28, 1917, p. 4–8.) † **VXA**

304. **McEntee,** William. Cargo ship lines of simple form. 7 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1917. v. 25, p. 101–107.) **VXA**

305. —— —— (Engineering. London, 1917. v. 104, p. 628–629.) **VDA**

306. **Ober,** Shatswell. Wind resistance of ships. (International marine engineering. New York, 1917. v. 22, p. 218–219.) † **VXA**

307. **Peabody,** Cecil Hobart. Naval architecture... New York: John Wiley & Sons, 1917. vii, 641 p., 1 folded diagr. tables. 4. ed., rev. 8°. * **R – VXH**

308. **Ruprecht,** F. K. Data for bulkhead construction. diagrs. (International marine engineering. New York, 1917. v. 22, p. 309–311.) † **VXA**

309. The **Science** of naval architecture. (Scientific American supplement. New York, 1917. v. 83, p. 386–387.) **VA**

310. The **Simpson-Gordon** patent bilge tunnel. (Shipbuilding and shipping record. London, 1917. v. 10, p. 131–132.) † **VXA**

311. **Steele,** James Edward. Naval architecture... Part 1. Cambridge, Eng.: University Press, 1917. diagr. 8°. (Cambridge technical series.) **VXH**

312. **Taylor,** David Watson. La ciencia de la arquitectura naval. Examen de algunos de sus principios fundamentales. (Revista general de marina. Madrid, 1917. tomo 81, p. 753–768.) **VXA**

313. **Unsinkable** ships. (Scientific American supplement. New York, 1917. v. 84, p. 155.) **VA**

314. **Watson,** Thomas Henry. Naval architecture: a manual on laying-off iron, steel and composite vessels... London: Longmans, Green & Co., 1917. xii, 171 p. folded diagrs. 3. ed. 8°. **VXHK**

1918

315. **Abell,** Westcott Stile. Problems of the future in the design and construction of merchant ships. (Shipbuilding and shipping record. London, 1918. v. 11, p. 342–344.) † **VXA**

316. **Anderson,** John. The most suitable sizes and speeds for general cargo steamers. illus. (Engineering. London, 1918. v. 105, p. 323–326.) **VDA**

317. —— —— (Shipbuilding and shipping record. London, 1918. v. 11, p. 345–349.) † **VXA**

318. **Bion,** C. W. System for the design of ships with straight-lined sections. (International marine engineering. New York, 1918. v. 23, p. 335–338.) † **VXA**

319. **Cairns,** C. W. Some insufficiently considered details of ship construction and equipment. (Engineering. London, 1918. v. 105, p. 21–23.) **VDA**

Naval Architecture, continued.

1918, continued.

320. **Doyère,** Ch. Contribution à l'étude de la résistance à la marche d'un navire... Paris: A. Challamel, 1918. 2 p.l., 57(1) p., 1 l., 1 folded chart. diagrs., tables. 4°. **VXH**

321. **Isherwood,** J. W. Economy in modern shipbuilding. (Shipping. New York, 1918. v. 3, no. 11, p. 11–13, no. 12, p. 11–13.) † **TRA**

322. **James,** Sidney V. Stresses in ships. (Armour engineer. Chicago, 1918. v. 10, p. 281–301.) **VDA**

322a. **Kelly,** Roy Willmarth, and F. J. Allen. The shipbuilding industry. With an introduction by Charles M. Schwab. Boston: Houghton Mifflin Co., 1918. xix (i) p., 1 l., 302 p., 1 l. illus. tables. 8°. **VXH**

323. **McAleer,** John A. Straight lined and fabricated ships. illus. (International marine engineering. New York, 1918. v. 23, p. 234–236.) † **VXA**

324. **McEntee,** William. Cargo ship lines of simple form. (International marine engineering. New York, 1918. v. 23, p. 19–21.) † **VXA**

325. —— —— (Marine engineer and naval architect. London, 1918. v. 40, p. 118–122.) **VXA**

326. A **Method** of determining the displacement of a straight-sided vessel. (Shipbuilding and shipping record. London, 1918. v. 12, p. 160–161.) **VXA**

327. **Modern** shipbuilding and economy in material. illus. (Shipbuilding and shipping record. London, 1918. v. 11, p. 515–516.) † **VXA**

327a. **Pease,** F. Forrest. Modern shipbuilding terms defined and illustrated. Including a series of photographs showing the progressive steps of construction, together with an appendix on electric welding... Philadelphia: J. B. Lippincott Co. [cop. 1918.] 1 l., 143 p., 35 pl. illus. 12°. **VXH**

328. **Robertson,** J. M. Shipbuilding costs and estimates. (Shipbuilding and shipping record. London, 1918. v. 11, p. 571–573, 595–597.) † **VXA**

329. **Toro,** I. Watertight doors. illus. (American Society of Naval Engineers. Journal. Washington, 1918. v. 30, p. 152–156.) **VXA**

Shipyards

1908

330. **Armstrong, Sir W. G.; Whitworth & Co., Ltd.** Catalogue. Sections: Walker shipyard, Elswick shipyard, electrical department, engine works department, Elswick steel works, miscellaneous. Newcastle-upon-Tyne, 1908. 3 p.l., 241 p., 1 l. illus. 4°. **VXH**

331. **Asmussen,** G. Installations de radoubage. Cales sèches, docks flottants, élévateurs, etc. Bruxelles: Imp. des Travaux Publics, 1908. 30 p., 2 pl. 8°. (International Congress on Navigation, xi. Section 2, communication 1.) **VXA**

332. **Barbé,** J. Bassins de radoub récemment construits en France. Bruxelles: Imp. des Travaux Publics, 1908. 16 p. 8°. (International Congress on Navigation, xi. Section 2, communication 1.) **VXA**

333. **Bieliawin,** L. Les cales sèches du port Empereur Alexandre iii. Bruxelles: Imp. des Travaux Publics, 1908. 16 p. 8°. (International Congress on Navigation, xi. Section 2, communication 1.) **VXA**

334. **Bock.** Neuerungen beim Stapellauf S. M. S. "Blücher." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1908. Bd. 52, p. 1925–1927.) **VDA**

335. **Boettcher,** Anton. Die Hellingseilbahnanlage der Reiherstieg-Schiffswerft und Maschinenfabrik in Hamburg. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1908. Bd. 52, p. 1829–1834.) **VDA**

336. **Caizzi,** Louis. Technical notice of the dockyard of the port of Naples. Bruxelles: Imp. des Travaux Publics, 1908. 8 p. 8°. (International Congress on Navigation, xi. Section 2, communication 1.) **VXA**

337. **Flamm,** Oswald. Zur Frage der Schwimmdocks. (Schiffbau. Berlin, 1908. Jahrg. 9, p. 359–363, 891–894; Jahrg. 10, p. 391–393.) † **VXA**

338. **Flanders,** R. E. Launching a Great Lakes freighter. illus. (Machinery. New York, 1908. v. 14, p. 837–839.) **VFA**

339. A **German** shipbuilding yard [Vulcan shipyard, Stettin]. illus. (Engineer. London, 1908. v. 106, p. 316–318.) **VA**

340. **Harland** and Wolff's works at Belfast. (Engineer. London, 1908. v. 105, p. 607–608.) **VA**

341. **Holm,** Axel. The shipbuilding and engineering company of Burmeister and Wain. illus. (International marine engineering. New York, 1908. v. 13, p. 461–465.) † **VXA**

Shipyards, continued.

1908, continued.

342. Jarvis, H. R. Floating docks. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1908. v. 24, p. 121–135.) **VXA**

343. Kaemmerer, W. Die neue Werftanlage der Stettiner Maschinenbau — A. G. Vulcan in Hamburg. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1908. Bd. 52, p. 776–779.) **VDA**

344. Klitzing. Schwimmdock für die kaiserliche Werft in Wilhelmshaven. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1908. Bd. 52, p. 1261–1266.) **VDA**

345. Laas, Walter. Hellingkrananlagen. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1908. Bd. 52, p. 1622–1630, 1668–1678, 1723–1728.) **VDA**

346. Messrs. Harland and Wolff's works at Belfast. (Engineering. London, 1908. v. 85, p. 791–793.) **VDA**

347. Messrs. Yarrow's new works on the Clyde. illus. (Engineering. London, 1908. v. 86, p. 775–781.) **VDA**

Also supplement, Dec. 11, 1908.

348. Nobel, C. Le dock flottant no. IV. de la ville de Rotterdam. Bruxelles: Imp. de Travaux Publics, 1908. 6 p. 8°. (International Congress on Navigation, XI. Section 2, communication 1.) **VXA**

349. Polissadoff, J. Cales sèches pour la réparation et pour la construction de navires. Bruxelles: Imp. des Travaux Publics, 1908. 10 p. 8°. (International Congress on Navigation, XI. Section 2, communication 1.) **VXA**

350. Shipbuilding berths and crane equipment. illus. (Marine engineer and naval architect. London, 1908. v. 30, p. 202–204.) **VXA**

351. Timonoff, V. E. de. Cales sèches temporaires à construction rapide. Bruxelles: Imp. des Travaux Publics, 1908. 6 p. 8°. (International Congress on Navigation, XI. Section 2, communication 1.) **VXA**

352. Treninkhinn, W. M. Appareils de radoub: cales sèches, docks flottants... Bruxelles: Imp. des Travaux Publics, 1908. 23 p. 8°. (International Congress on Navigation, XI. Section 2, communication 1.) **VXA**

353. Yarrow & Company's new works on the Clyde. illus. (Marine engineer and naval architect. London, 1908. v. 30, p. 213–217.) **VXA**

1909

354. Brown, T. M. The dry dock. (Marine review. New York, 1909. v. 39, no. 10, p. 13–16.) **VXA**

355. Comment on met à l'eau un navire. illus. (L'Illustration. Paris, 1909. tome 133, p. 372–373.) *** DM**

356. Dockyard administration. (Engineer. London, 1909. v. 107, p. 183–184.) **VA**

357. Donnelly, W. T. A 6000-ton floating drydock. illus. (International marine engineering. New York, 1909. v. 14, p. 294–298.) † **VXA**

358. Floating dry dock for the Oregon Dry Dock Co. illus. (Marine review. New York, 1909. v. 39, p. 310–313.) **VXA**

359. German shipyards. illus. (Engineer. London, 1909–10. v. 108, p. 374–375, 412–415, 424, 468–471, 519–521, 530, 576; v. 109, p. 188–189, 583–584; v. 110, p. 214–215, 292–293; v. 112, p. 98–99.) **VA**

360. Gundersen, A. Shipbuilding and engineering company of Akers Mekaniske Verksted. illus. (International marine engineering. New York, 1909. v. 14, p. 245–248.) † **VXA**

361. Langendonck, C. van. The German Vulcan shipbuilding yard. illus. (American marine engineer. Chicago, 1909. v. 4, no. 1, p. 8–9.) † **VXA**

362. Lienau, Otto. Stapellaufmessungen beim Ablauf des Lloyddampfers "Berlin" auf der Werft der Aktien-Gesellschaft "Weser." illus. (Schiffbau. Berlin, 1909. Jahrg. 10, p. 471–478.) † **VXA**

363. Michenfelder, C. Die neue Schiffbauhalle der kaiserlichen Werft, Kiel. illus. (Schiffbau. Berlin, 1909. Jahrg. 10, p. 623–627.) † **VXA**

364. —— Transporttechnische Gesichtspunkte bei Hellingen. illus. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1909. Bd. 10, p. 453–538.) † **VXA**

365. New cantilever cranes at the Wallsend shipyard. illus. (Engineer. London, 1909. v. 108, p. 669.) **VA**

366. New shipbuilding works of Smith's Dock Company, Limited. (Engineering. London, 1908. v. 86, p. 432–433, 434–435, 605–607, 677–680, 718–720.) **VDA**

367. Off-shore floating dock for Penarth. illus. (Engineer. London, 1909. v. 108, p. 316, 320.) **VA**

368. 150-ton electric shipbuilding crane. illus. (Engineer. London, 1909. v. 108, p. 187–189.) **VA**

Shipyards, continued.

1909, continued.

369. **Ranft,** Paul. Die neue Werft der Stettiner Maschinenbau A. G. Vulcan in Hamburg. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1909. Bd. 53, p. 1362–1369.) **VDA**

370. **Skerrett,** R. G. The baptism of ships. (United States Naval Institute. Proceedings. Annapolis, 1909. v. 35, p. 541–551.) **VXA**

371. —— Launching a battleship. illus. (World today. Chicago, 1909. v. 16, p. 296–303.) *** DA**

372. **12,000-ton** pontoon floating dock for Kobe. illus. (Engineer. London, 1909. v. 108, p. 250–251.) **VA**

373. The **Union** Iron Works Company. illus. (American marine engineer. Chicago, 1909. v. 4, no. 12, p. 8–10.) † **VXA**

374. **Wilson,** W. J. A system of control for a shipyard. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1909. v. 25, p. 125–130.) **VXA**

375. **Works** of Harland and Wolff, Limited, at Belfast. (Engineer. London, 1909. v. 107, p. 626–627.) **VA**

1910

376. **Chantier** et ateliers de St. Nazaire. illus. (Engineering. London, 1910. v. 90, p. 847–852.) **VDA**

Also supplement, Dec. 23, 1910.

377. **Collie,** J. H. The power equipment of a modern shipyard. (Liverpool Engineering Society. Transactions. Liverpool, 1910. v. 31, p. 108–134.) **VDA**

378. **Cunningham,** Andrew Chase. The development of the Norfolk navy yard. illus. (United States Naval Institute. Proceedings. Annapolis, 1910. v. 36, p. 221–237.) **VXA**

379. **Cyran,** A. Die Hellinganlage des Stettiner Vulcan, Zweigniederlassung Hamburg. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1910. Bd. 54, p. 377–382, 438–440.) **VDA**

380. **Donnelly,** W. T. Floating dry docks in the United States; relative value of wood and steel for their construction. 15 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1910. v. 18, p. 59–72.) **VXA**

381. **Electrical** equipment of Smith's docks, Middlesbrough. illus. (Engineer. London, 1910. v. 109, p. 38–39.) **VA**

382. The **Forges** et chantiers de la Méditerranée. illus. (Engineering. London, 1910. v. 89, p. 499–501, 607–608.) **VDA**

Also supplement, May 13, 1910.

383. **His** Majesty's battleship "Hercules." Details of the launching ways. illus. (Engineering. London, 1910. v. 89, p. 610–612.) **VDA**

384. **Langendonck,** C. van. The German "Weser" shipyard at Bremen. illus. (American marine engineer. Chicago, 1910. v. 5, no. 3, p. 8–9.) **VXA**

385. **Launching** a battleship. (Marine journal. New York, 1910. v. 32, no. 34, p. 8.) † **VXA**

386. **Launching** the Olympic. illus. (Marine review. New York, 1910. v. 40, p. 458–460.) **VXA**

387. **Michenfelder,** C. Schwere Werftkrane für die Schiffsausrüstung. illus. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1910. Bd. 11, p. 240–328.) † **VXA**

388. **Mitsu-Bishi** dockyard and engine works. illus. (Engineering. London, 1910. v. 89, p. 657–660, 814.) **VDA**

Also supplements, May 20 and June 24, 1910.

389. —— (Marine engineer and naval architect. London, 1910. v. 33, p. 34–37, 74–76.) **VXA**

390. **Modern** shipyard machinery and equipment. illus. (Marine engineer and naval architect. London, 1910. v. 32, p. 198–202, 290–294, 381–384, 410–413; v. 33, p. 2–6, 38–40.) **VXA**

391. Die **Schichau** Werke in Elbing, Danzig und Pillau. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1910. v. 54, p. 1073–1079.) **VDA**

392. **22,000-ton** floating dock for Brazil. illus. (Engineer. London, 1910. v. 110, p. 33–34, 59–60, 93–94, 119–121.) **VA**

393. **Vulcan** Company's new yard at Hamburg. illus. (Engineering. London, 1910. v. 90, p. 147–150, 164, 228–233, 290–293, 366, 374–376.) **VDA**

Also supplements, July 29, Aug. 26, Sept. 9, 1910.

1911

394. **Clyde** and Tyne shipyard extensions. illus. (Engineer. London, 1911. v. 111, p. 144–145, 158–161.) **VA**

395. **Forges** and chantiers de la Méditerranée. illus. (International marine engineering. New York, 1911. v. 16, p. 113–115.) † **VXA**

396. **40000** Tonnen Schwimmdock der kaiserlichen Werft in Kiel. 4 pl. illus. (Schiffbau. Berlin, 1911. Jahrg. 13, p. 77–88.) † **VXA**

Shipyards, continued.

1911, continued.

397. **Franzius,** O., and W. Knopp. Die Schwebefähre auf der kaiserlichen Werft, Kiel. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1911. Bd. 55, p. 764–771, 805–811, 877–882.) **VDA**

398. An **Historic** yard [Nederlandsche Fabriek]. illus. (Engineer. London, 1911. v. 111, p. 64–65.) **VA**

399. **Langendonck,** C. van. The La Seyne shipbuilding yard of the Forges & Chantiers de la Méditerranée. illus. (American marine engineer. New York, 1911. v. 6, no. 3, p. 28–31.) † **VXA**

400. **McDermaid,** Neil J. Shipyard practice as applied to warship construction. London: Longmans, Green & Co., 1911. 4 p.l., 3–328 p. illus. 8°. **VXT**

401. The **Mitsu-Bishi** dockyard and engine works. illus. (International marine engineering. New York, 1911. v. 16, p. 89–96.) † **VXA**

402. **Plant** of the Newport News Shipbuilding and Dry-Dock Company. illus. (International marine engineering. New York, 1911. v. 16, p. 106–108.) † **VXA**

403. Die **Schichau-Werke** in Elbing, Danzig und Pillau. Berlin [1911]. 35 p., 1 port. illus. f°. †† **VXH**

404. The **Shipbuilding** and engineering works of Messrs. Gio. Ansaldo-Armstrong & Company. illus. (International marine engineering. New York, 1911. v. 16, p. 108–113.) † **VXA**

405. **Shipbuilding** works at La Seyne. illus. (Engineer. London, 1911. v. 112, p. 193–194.) **VA**

406. **Shipyard** equipment supplement. illus. (International marine engineering. New York, 1911. v. 16, p. 129–136.) † **VXA**

407. A **22,000-ton** floating dry dock for Brazil. illus. (International marine engineering. New York, 1911. v. 16, p. 1–7.) † **VXA**

408. The **Works** of Messrs. Yarrow & Company, Limited, Scotstown, Glasgow. illus. (International marine engineering. New York, 1911. v. 16, p. 102–105.) † **VXA**

1912

409. **Coleman,** F. C. The new floating drydocks for the British Admiralty. illus. (International marine engineering. New York, 1912. v. 17, p. 365–367.) † **VXA**

410. **Commentz,** Carl. Stapellaufuntersuchungen und Messungen d. s. d. "Bahia Blanca." illus. (Schiffbau. Berlin, 1912. Jahrg. 13, p. 429–434.) † **VXA**

411. **Harland** and Wolff's works at Belfast. illus. (Engineering. London, 1912. v. 94, p. 3–12, 38–51.) **VDA**

Also supplements, July 5 and 12, 1912.

412. Die **Kaiserlich** Werft zu Tsingtau (Kiautschou). illus. (Schiffbau. Berlin, 1912. Jahrg. 13, p. 307–312.) † **VXA**

413. **Launch** of the battle cruiser Queen Mary. illus. (Engineer. London, 1912. v. 113, p. 297.) **VA**

414. **Launch** of H. M. battleship Ajax. illus. (Engineer. London, 1912. v. 113, p. 331–332.) **VA**

415. **Messrs.** Workman, Clark and Co.'s works at Belfast. 4 pl. illus. (Engineering. London, 1912. v. 94, p. 73–83.) **VDA**

Also supplement, July 19, 1912.

416. **Neue** Riesenkräne für Schiffswerften. illus. (Schiffbau. Berlin, 1912. Jahrg. 13, p. 257–261.) † **VXA**

417. **Opening** of the naval drydock, New York. illus. (Scientific American. New York, 1912. v. 106, p. 473–474.) **VA**

418. **Otterson,** J. E. Navy yard problems. (United States Naval Institute. Proceedings. Annapolis, 1912. v. 38, p. 859–878.) **VXA**

419. **Rath,** C. Haltevorrichtungen für Schiffe auf der Helling. (Schiffbau. Berlin, 1912. Jahrg. 14, p. 124–129.) † **VXA**

420. **Reventlow,** Ernst Christian Einar Ludwig Detlev, Graf zu. The shipbuilding industry of Germany. illus. (Cassier's magazine. New York, 1912. v. 41, p. 369–384.) **VDA**

421. **Schmidt,** R. "Imperator." Das Stapellauf des Schiffes. illus. (Schiffbau. Berlin, 1912. Jahrg. 13, p. 755–764.) † **VXA**

422. **Schoen,** J. G. von. Das Balancier-Schiffshebewerk. (Oesterreichische Wochenschrift für den öffentlichen Baudienst. Vienna, 1912. v. 18, p. 147–150.) **MQA**

423. **Schossberger,** O. F. Projektsstudie zu einem Balancier-Schiffsbewerk. illus. (Oesterreichische Wochenschrift für den öffentlichen Baudienst. Vienna, 1912. v. 18, p. 581–584.) **MQA**

424. **Shipbuilding** and engineering works at St. Nazaire. illus. (Engineer. London, 1912. v. 114, p. 7–9, 14.) **VA**

425. **Stocker,** Robert, and Henry Williams. The launching of the New York. illus. (United States Naval Institute. Proceedings. Annapolis, 1912. v. 38, p. 1337–1367.) **VXA**

426. **32,000-ton** floating dock for the Medway. illus. (Engineer. London, 1912. v. 114, p. 72–73.) **VA**

Shipyards, continued.

1912, continued.

427. Twenty thousand-ton pontoon floating dry-dock. (International marine engineering. New York, 1912. v. 17, p. 50–53.) † VXA

428. Two great floating docks. illus. (Marine review. New York, 1912. v. 42, p. 333–337.) VXA

1913

429. Dockyards and ship-building at Hong Kong. illus. (Engineer. London, 1913. v. 116, p. 163–165.) VA

430. "Dreadnought" floating dock for the British battleships. illus. (Scientific American supplement. New York, 1913. v. 76, p. 184–185.) VA

431. Fried. Krupp Germania shipbuilding yard, Kiel. illus. (Engineering. London, 1913. v. 96, p. 610–613, 624.) VDA
Also supplement, Nov. 7, 1913.

432. A **German-built** 25,000 ton floating dock. illus. (International marine engineering. New York, 1913. v. 18, p. 287–288.) † VXA

433. Die **Germaniawerft** in Kiel. illus. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1913. Bd. 14, p. 681–701.) † VXA

434. Hiley, A. Launching declivities for ships and their influence upon poppet and way-end pressures. (Institution of Naval Architects. Transactions. London, 1913. v. 55, part 1, p. 181–200.) VXA

435 —— Launching ships. (Engineering. London, 1913. v. 95, p. 790–794, 825–827.) VDA

436. Die **Howaldtswerke** in Kiel. illus. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1913. Bd. 14, p. 702–713.) † VXA

437. Launching a battleship. (Marine review. New York, 1913. v. 43, p. 157–158.) VXA

438. Leucke. 25000 Tons-Schwimmdock der Vulcan-Werke, Hamburg. 1 pl. illus. (Schiffbau. Berlin, 1913. Jahrg. 14, p. 315–324.) † VXA

439. Lienau, Otto. Die neuesten Fortschritte deutscher Helling-Förderanlagen. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1913. Bd. 57, p. 1689–1696.) VDA

440. New dry dock at Manitowoc. illus. (Marine review. New York, 1913. v. 43, p. 79–81.) VXA

441. Riesen- und Schwimmkrane auf englischen und deutschen Werften. illus. (Ueberall. Berlin, 1913. Jahrg. 15, p. 357–365.) † VXA

442. Shanghai Dock and Engineering Company, Limited. illus. (Engineer, London, 1913. v. 116, p. 355–356.) VA

443. Shipbuilding at St. Nazaire and the French battleship Lorraine. (Engineer. London, 1913. v. 116, p. 675–676.) VA

444. Shipbuilding berth gantries at the Nagasaki yard. illus. (Engineering. London, 1913. v. 95, p. 226–227, 230.) VDA

445. 12,000-ton floating dry dock at Seattle. illus. (International marine engineering. New York, 1913. v. 18, p. 289–290.) † VXA

446. Van Duzer, Lewis Sayre. General consideration of navy yard design, location, capacity and maintenance, with plan and description of a large, efficient yard properly located. 2 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 21, p. 75–85.) VXA

1914

447. Bell, E. W. Launching. (Liverpool Engineering Society. Transactions. Liverpool, 1914. v. 35, p. 321–330.) VDA

448. Gio. Ansaldo e Co. illus. (Engineer. London, 1914. v. 117, supplement, May 8, p. xxiii–xxvii.) VA

449. Honolulu floating dry dock. illus. (International marine engineering. New York, 1914. v. 19, p. 290–293.) † VXA

450. Launching arrangements and calculations. (Marine engineer and naval architect. London, 1914. v. 36, p. 200–202.) VXA

451. Leyland, John. The German dockyards. (Naval annual. London, 1914. p. 169–180.) VXA

452. The **Most** modern shipbuilding plant in the world [Blohm & Voss, Hamburg]. illus. (Scientific American. New York, 1914. v. 110, p. 100–101.) VA

453. New Armstrong naval shipbuilding yard. illus. (Engineering. London, 1914. v. 98, p. 1–3.) VDA

454. New works at Portsmouth dockyard. illus. (Engineering. London, 1914. v. 97, p. 205–208, 239–241, 343, 410–411, 479–481, 514–517, 548–552, 581–582.) VDA

455. Tawresey, John G. Launching data for a battle ship. 12 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1914. v. 22, p. 91–104.) VXA

Shipyards, continued.

1914, continued.

456. Wallsend slipway and engineering works. illus. (Engineering. London, 1914. v. 98, p. 4–6.) **VDA**
Also supplement, July 3, 1914.

1915

457. Donnelly, W. T. Shipyard at Prince Rupert terminal. illus. (International marine engineering. New York, 1915. v. 20, p. 121–122.) † **VXA**

458. Loof, W. Eine neue Riesen-Blechbiegemaschine für Schiffbauzwecke. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1915. Bd. 59, p. 795–798.) **VDA**

459. Phelps, H. P. New shipyard tools and methods. (American Society of Marine Draftsmen. Journal. Washington, 1915. v. 1, p. 132–139.) † **VXA**

460. Robins Dry Dock & Repair Company. illus. (Nautical gazette. New York, 1915. v. 88, no. 12, p. 5–10.) † **VXA**

461. Swan, Hunter, & Wigham Richardson, Ltd. Floating docks. n. t.-p. [Wallsend, Eng., 1915?] 49 p. illus. 12°. **VDM**

462. The **Union** Iron Works Company. illus. (Pacific marine review, San Francisco, 1915. v. 12, no. 5, p. 22–28.) † **TRA**

463. Works of Canadian Vickers, Limited, at Montreal. illus. (Engineering. London, 1915. v. 99, p. 157–161.) **VDA**

1916

464. The **American** Shipbuilding Company. illus. (International marine engineering. New York, 1916. v. 21, p. 141–142.) † **VXA**

465. American shipyards and marine repair plants. illus. (International marine engineering. New York, 1916. v. 21, p. 113–154.) † **VXA**

466. Barber, G. H. Pressure on a vessel's bottom during launching. (International marine engineering. New York, 1916. v. 21, p. 187–189.) † **VXA**

467. Bethlehem Steel Company's Maryland shipbuilding plant. illus. (Nautical gazette. New York, 1916. v. 90, no. 9, p. 4–7.) † **VXA**

468. Churchill, F. A., jr. Increases shipbuilding facilities. illus. (Iron trade review. Cleveland, 1916. v. 59, p. 172–175.) † **VHA**
American Ship Building Co., Cleveland.

469. Cox, L. M. American graving dock practice. (International Engineering Congress, 1915. Transactions. San Francisco, 1916. v. 10, p. 742–788.) **VDA**

470. De Gelder, M. G. Shipyard cranes of the Rotterdam Dockyard Company. (Institution of Naval Architects. Transactions. London, 1916. v. 58, p. 222–232.) **VXA**

471. —— —— (Engineering. London, 1916. v. 101, p. 435–437.) **VDA**

472. Dohm, G. C. The new Skinner & Eddy shipyard. illus. (International marine engineering. New York, 1916. v. 21, p. 379–381.) † **VXA**

473. Fore River Shipbuilding Corporation. illus. (Nautical gazette. New York, 1916. v. 90, no. 8, p. 5–8.) † **VXA**

474. The **Fore River** shipyard. illus. (International marine engineering. New York, 1916. v. 21, p. 114–117.) † **VXA**

475. Gatewood, R. D. Timekeeping in shipyards. (American machinist. New York, 1916. v. 45, p. 675–677.) **VFA**

476. Great Lakes shipbuilding. Great Lakes Engineering Works. illus. (Nautical gazette. New York, 1916. v. 90, no. 11, p. 4–7.) † **VXA**

477. Large ship building shop at Quincy. illus. (Iron trade review. Cleveland, 1916. v. 59, p. 272–274.) † **VHA**

478. Large steel-frame ship shed contains special trusses designed for vertical and horizontal crane loading. illus. (Engineering record. New York, 1916. v. 74, p. 550–552.) **VDA**

479. Newport News Shipbuilding and Dry Dock Company. illus. (Nautical gazette. New York, 1916. v. 90, no. 6, p. 4–9.) † **VXA**

480. Newport News shipyard and repair plant. illus. (International marine engineering. New York, 1916. v. 21, p. 131–133.) † **VXA**

481. The **New York** Shipbuilding Company. illus. (International marine engineering. New York, 1916. v. 21, p. 121–122.) † **VXA**

482. Plan of Washington Shipping Corporation's shipyard at Seattle. illus. (Motorship. Seattle, 1916. v. 1, May, 1916, p. 6.) † **VXA**

483. Robins dry dock and repair plant. illus. (International marine engineering. New York, 1916. v. 21, p. 137–139.) † **VXA**

484. Seattle Construction and Dry-Dock Company. illus. (International marine engineering. New York, 1916. v. 21, p. 143–144.) † **VXA**

485. Ship repair yards in New York harbor. illus. (International marine engineering. New York, 1916. v. 21, p. 139–140.) † **VXA**

Shipyards, continued.

1916, continued.

486. Ship-repairing facilities at the Panama canal. illus. (Shipbuilding and shipping record. London, 1916. v. 7, p. 77–80.) **VXA**

487. Shipyard of the Maryland Steel Company. illus. (International marine engineering. New York, 1916. v. 21, p. 124–126.) **VXA**

488. Skinner-Eddy shipyard well under way. illus. (Motorship. Seattle, 1916. v. 1, May, 1916, p. 8, 24.) † **VXA**

489. Sun shipbuilding plant planned for rapid production of special standard steamers. illus. (Engineering record. New York, 1916. v. 74, p. 498–499.) **VDA**

490. Swan, Hunter, & Wigham Richardson, Limited. [Description of works.] n. t.-p. [n. p., 1916?] 40 p., 1 plan. 8°. **VXH**

491. The **Union** Iron Works. illus. (Pacific marine review. San Francisco, 1916. v. 13, p. 45–50.) † **TRA**

1917

492. The **Advance** in American shipbuilding. illus. (Iron age. New York, 1917. v. 99, p. 31–35, 70.) **VDA**

493. Applications of electricity in the construction of steel ships. illus. (Electrical review. Chicago, 1917. v. 71, p. 9–15.) † **VGA**

494. Claudy, Carl Harry. Building the emergency fleet. (Scientific American. New York, 1917. v. 116, p. 488.) **VA**

495. Coburn, F. G. Modern management applied to navy yards. (United States Naval Institute. Proceedings. Annapolis, 1917. v. 43, p. 955–972.) **VXA**

496. Cohee, T. L. Mold loft notes. (International marine engineering. New York, 1917. v. 22, p. 389–393.) † **VXA**

497. De Gelder, M. G. Shipyard cranes. (Scientific American supplement. New York, 1917. v. 83, p. 362–363.) **VA**

498. Dohm, G. C. Ames Shipbuilding and Dry Dock Company. illus. (International marine engineering. New York, 1917. v. 22, p. 227–230.) † **VXA**

499. Doig, Peter. Launching way-end pressures. (American Society of Marine Draftsmen. Journal. Washington, 1917. v. 3, p. 113–116.) † **VXA**

500. Enclosed shipbuilding berth for Canadian Vickers, Ltd. illus. (Canadian engineer. Toronto, 1917. v. 33, p. 193–195.) **VDA**

501. Hillhouse, P. A., and W. H. Riddlesworth. Launching ships. (Engineering. London, 1917. v. 103, p. 361–364, 374–375.) **VDA**

502. —— On launching. (Institution of Naval Architects. Transactions. London, 1917. v. 59, p. 172–201.) **VXA**

503. —— —— (Shipbuilding and shipping record. London, 1917. v. 9, p. 345–348.) **VXA**

504. J. F. Duthie and Company shipyard [Seattle]. illus. (International marine engineering. New York, 1917. v. 22, p. 304–308.) † **VXA**

505. Kennedy, W. M. Industrial management principles in shipyard practice. illus. (Industrial management. New York, 1917. v. 53, p. 803–817.) **VDA**

506. Kerr, K. C. Seattle's new era of ship construction. illus. (Universal engineer. New York, 1917. v. 25, p. 527–535.) **VDA**

507. Launching ships bottom up. illus. (Shipping. New York, 1917. v. 1, p. 426–428.) † **TRA**

508. Lucas, Theodore. Practical shipbuilding. Shipyard organization and operation explained in detail. (Nautical gazette. New York, 1917. v. 91, no. 12, p. 4–8.) † **VXA**

509. Material handling equipment. illus. (Pacific marine review. San Francisco, 1917. v. 14, p. 71–73.) † **TRA**

510. A **Novel** system of launching. (Shipbuilding and shipping record. London, 1917. v. 10, p. 348–350.) † **VXA**

511. Phillips, Camillus. Bethlehem — Tubal Cain among shipbuilders. illus. (The navy and merchant marine. Washington, 1917. v. 1, no. 6, p. 1–14.) **VXA**

512. The **Shipyard** vs. the submarine. illus. (Scientific American. New York, 1917. v. 117, p. 418–419.) **VA**

513. The **Sloan** Shipyards Corporation. (Motorship. Seattle, 1917. v. 2, no. 8, p. 18–19.) † **VXA**

514. Unique method of launching. (International marine engineering. New York, 1917. v. 22, p. 350–353.) † **VXA**

515. Wakeman, S. W. The service department of a shipyard. (Engineering. London, 1917. v. 104, p. 624–625.) **VDA**

1918

516. Aberthaw concrete shipyard. illus. (Contracting. New York, 1918. v. 7, p. 212–213.) † **VEA**

517. Balboa dry dock no. 1. illus. (Shipbuilding and shipping record. London, 1918. v. 11, p. 199–204.) † **VXA**

Shipyards, continued.

1918, continued.

518. Baldwin, G. J. Building the Hog Island shipyard. (International marine engineering. New York, 1918. v. 23, p. 104–106.) † VXA

519. —— Facts about the Hog Island yard. (Marine review. New York, 1918. v. 48, p. 117–119.) VXA

520. Beard, Alexander H. The bridge of ships [Hog Island yard]. New York: American International Corporation [1918]. 43 p. illus. 8°.

Reprinted from the *Outlook*, August 7, 1918.

521. A **Big** transportation problem at Hog Island. (Railway age. New York, 1918. v. 64, p. 1020–1023.) TPB

522. Blood, W. H., jr. The Hog Island shipyard. (Stone & Webster journal. Boston, 1918. v. 23, p. 9–13.) VGA

523. Build huge crane for shipyard use. illus. (Marine review. New York, 1918. v. 48, p. 234–237.) VXA

524. La **Construction** des navires de commerce aux États-Unis. illus. (Génie civil. Paris, 1918. tome 72, p. 93–95.) VA

525. Construction of Newark Bay shipyard. illus. (International marine engineering. New York, 1918. v. 23, p. 161–164.) † VXA

526. Construction of Pearl Harbor drydock completed. illus. (Engineering news-record. New York, 1918. v. 81, p. 173–177.) VDA

527. Drive 15000 piles for pair of thousand-foot shipways. illus. (Engineering news-record. New York, 1918. v. 80, p. 30–32.) VDA

528. Dyment, C. V. West coast shipbuilding. illus. (American review of reviews. New York, 1918. v. 57, p. 619–627.) * DA

529. Eaton, Charles Aubrey. Delaware river shipyards. illus. (American review of reviews. New York, 1918. v. 58, p. 53–63.) * DA

530. Electricity in shipbuilding operations. illus. (Electrical review. Chicago, 1918. v. 71, p. 1–8.) † VGA

531. Estep, Harvey Cole. Handling materials at Hog Island. illus. (Marine review. Cleveland, 1918. v. 48, p. 277–279.) VDA

532. —— Hog Island — an American victory. illus. (Marine review. Cleveland, 1918. v. 48, p. 382–388.) VXA

533. Facts about the Hog Island shipyard. (Shipbuilding and shipping record. London, 1918. v. 12, p. 190.) VXA

534. Federal ships erected by derrick travellers built for long service. illus. (Engineering news-record. New York, 1918. v. 80, p. 1129–1132.) VDA

535. The **First** launching at Hog Island and its significance. illus. (Stone & Webster journal. Boston, 1918. v. 23, p. 76–81.) VGA

536. The **Foundation** Company — shipbuilders. illus. (International marine engineering. New York, 1918. v. 23, p. 387–394.) † VXA

537. Hog Island. Transforming a brush and sand waste into a shipyard. illus. (Stone and Webster journal. Boston, 1918. v. 22, p. 8–15.) VGA

538. The **Hog Island** ship yard. illus. (Railway review. Chicago, 1918. v. 62, p. 481–484.) TPB

539. Hog Island yard starts building ships. illus. (International marine engineering. New York, 1918. v. 23, p. 156–160.) † VXA

540. Hog Island's ship-erection equipment. illus. (Engineering news-record. New York, 1918. v. 81, p. 77–80.) VDA

541. Kreutzberg, E. C. Builds plant while fabricating ships. illus. (Marine review. New York, 1918. v. 48, p. 328–330.) VXA

542. A **New** Furness shipyard. illus. (Engineering. London, 1918. v. 106, p. 82, 90.) VDA

543. A **New** shipyard on the northeast coast [Furness Shipbuilding Co.]. illus. (Engineer. London, 1918. v. 126, p. 73–74, 76.) VA

544. Osier, C. A. Seattle shipbuilders overcome pioneer difficulties and set new speed records. illus. (Engineering news-record. New York, 1918. v. 81, p. 160–164.) VDA

545. The **Pictorial** story of Hog Island. (Marine review. Cleveland, 1918. v. 48, p. 395–412.) VXA

546. Price, B. K. The compressed air equipment at Hog Island. illus. (Compressed air magazine. New York, 1918. v. 23, p. 8871–8874.) VFM

547. Rapid progress now being made at Hog Island. illus. (Iron age. New York, 1918. v. 101, p. 1063–1066.) VDA

548. Rosing, A. S. Floating dry docks of concrete. illus. (Nautical gazette. New York, 1918. v. 93, no. 21, p. 4.) † VXA

549. Ship builder versus submarine. illus. (Scientific American. New York, 1918, v. 118, p. 278–279, 286.) VA

Hog Island.

550. Shipbuilding in the United States. Hog Island shipbuilding yard. illus. (Engineer. London, 1918. v. 125, p. 554–555.) VA

Shipyards, continued.

1918, continued.

551. Shipping Board's Bristol plant. illus. (International marine engineering. New York, 1918. v. 23, p. 165–168.) † **VXA**

552. Shipyard of Columbia Engineering Works. illus. (International marine engineering. New York, 1918. v. 23, p. 294–300.) † **VXA**

553. Shipyard of the Sun Shipbuilding Company. 1 folded pl. illus. (International marine engineering. New York, 1918. v. 23, p. 175–190.) † **VXA**

554. The **Shooters Island** shipyard. (International marine engineering. New York, 1918. v. 23, p. 191–193.) † **VXA**

555. Some more facts about Hog Island shipyard. (Engineer. London, 1918. v. 126, p. 138.) **VA**

556. Three government shipyards huge problem in plant layout. illus. (Engineering news-record. New York, 1918. v. 80, p. 12–19.) **VDA**

557. Tower derricks serve twin shipways at Submarine Boat Corporation yard. illus. (Engineering news-record. New York, 1918. v. 80, p. 1073–1077.) **VDA**

558. Tremendous cost of Hog Island plant. (Iron age. New York, 1918. v. 101, p. 374–376.) **VDA**

559. United States Shipping Board Emergency Fleet Corporation. Shipyard employment. A place for men to help win the war... Washington, 1918. 54 p. illus. 8°.

560. World's greatest shipyard at Hog Island now busy building ships to win the war. illus. (Marine review. New York, 1918. v. 48, p. 242–246.) **VXA**

561. —— (Iron trade review. Cleveland, 1918. v. 62, p. 1054–1058.) † **VHA**

562. Young, H. W. Work of constructing Hog Island shipyard. illus. (Engineering and cement world. Chicago, 1918. v. 12, Feb. 15, 1918, p. 9–14.) † **VEA**

Wooden Ships

1908

563. Laas, Walter. Die grossen Segelschiffe... Berlin: Julius Springer, 1908. viii, 127 p., 77 pl. illus. 4°. † **VXH**

1909

564. Magnetic survey yacht Carnegie. illus. (International marine engineering. New York, 1909. v. 14, p. 47–51.) † **VXA**

565. The **Non-magnetic** survey vessel Carnegie. illus. (Marine review. New York, 1909. v. 39, no. 5, p. 21–22.) **VXA**

566. Ward, Charles. Shallow-draught river steamers. 63 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1909. v. 17, p. 79–107.) **VXA**

1910

567. Dixie, E. A. The non-magnetic ship "Carnegie." illus. (Scientific American supplement. New York, 1910. v. 69, p. 41–43.) **VA**

568. The **Six** masted schooner Wyoming. illus. (International marine engineering. New York, 1910. v. 15, p. 1–2.) † **VXA**

1911

569. Bureau Veritas. Rules and regulations for the building and classification of wooden vessels. Year 1911. Paris [1911]. xxi, 58 p., 1 l. 4°. **VXH**

570. Canadian lake and river steamer "Saguenay." (Engineering. London, 1911. v. 92, p. 350–351.) **VDA**

1912

571. Bureau Veritas. Règlement pour la construction et la classification des navires en bois. Année 1912. Paris [1912]. xxi, 63 p., 1 l. 4°. **VXH**

572. —— Rules and regulations for the building and classification of wooden vessels. Year 1912. Paris [1912]. xxi, 60 p., 1 l. 4°. **VXH**

573. City of Detroit III., world's largest side wheel steamer. illus. (International marine engineering. New York, 1912. v. 17, p. 389–396.) † **VXA**

1915

574. Burnside, E. A. Western river steamers and barges. illus. (International marine engineering. New York, 1915. v. 20, p. 478–487.) † **VXA**

Wooden Ships, continued.

1916

575. Ballin, F. A. Wooden shipbuilding. (Pacific marine review. San Francisco, 1916. v. 13, no. 8, p. 40–43; no. 10, p. 36–39.) † **TRA**

576. Fletcher, Andrew. River, lake, bay and sound steamers of the United States. (International Engineering Congress, San Francisco, 1915. Transactions. San Francisco [1916]. 8°. v. 10, p. 124–146.) **VDA**

577. Wooden shipbuilding on the Pacific coast. illus. (International marine engineering. New York, 1916. v. 21, p. 402–407.) **VXA**

1917

578. American standard wooden steamship. illus. (Engineering. London, 1917. v. 104, p. 90–92.) **VDA**

579. Applications of electricity in the construction of wooden ships. (Electrical review. Chicago, 1917. v. 71, p. 16–21.) † **VGA**

580. Bogert, J. J. Diagonal strapping in large wooden ships. (International marine engineering. New York, 1917. v. 22, p. 246–247.) † **VXA**

581. Carr, M. F. Special composite ship construction. illus. (International marine engineering. New York, 1917. v. 22, p. 360–361.) † **VXA**

582. Composite cargo steamer of 5,500 tons for U. S. Shipping Board's emergency fleet. illus. (International marine engineering. New York, 1917. v. 22, p. 336–338.) † **VXA**

583. Dabney, Frank. Wooden shipbuilding on Puget Sound. illus. (Stone & Webster journal. Boston, 1917. v. 20, p. 270–272.) **VGA**

584. Donnelly, W. T. Problem of the wooden cargo ship. 1 folded plan. illus. (International marine engineering. New York, 1917. v. 22, p. 206–211.) † **VXA**

585. Dunn, H. H. Shipbuilding is revived in South. illus. (Marine review. New York, 1917. v. 47, p. 213–218.) † **VXA**

586. Estep, Harvey Cole. How wooden ships are built. illus. (Marine review. Cleveland, 1917. v. 47, p. 195–198, 231–237, 257, 283–290, 365–376, 383.) † **VXA**

587. Hill, R. C. Wooden ship building on the Pacific coast. illus. (Marine review. New York, 1917. v. 47, p. 63–67.) † **VXA**

588. Hough type wooden steamship. illus. (International marine engineering. New York, 1917. v. 22, p. 380–382.) † **VXA**

589. Modern methods in wooden ship construction. illus. (Motorship. Seattle, 1917. v. 2, Jan., 1917, p. 12.) † **VXA**

590. Les **Nouveaux** navires mixtes en bois, construites aux États-Unis. illus. (Génie civil. Paris, 1917. tome 70, p. 372–373.) **VA**

591. Oakleaf, H. B. Douglas fir (Oregon pine) shipbuilding. (International marine engineering. New York, 1917. v. 22, p. 213–215.) † **VXA**

592. The **Revival** of wooden shipbuilding. illus. (Scientific American supplement. New York, 1917. v. 83, p. 376–377.) **VA**

593. Standard wooden steamships for United States Shipping Board Emergency Fleet. 2 folded pl. (International marine engineering. New York, 1917. v. 22, p. 294–299.) † **VXA**

594. Tons of steel are used in wooden ships. illus. (Iron trade review. Cleveland, 1917. v. 61, p. 658–659.) † **VHA**

595. United States. — Shipping Board Emergency Fleet Corporation. Douglas fir ship. Specifications for the construction of a standard wood steamship. Hull only. May, 1917. [By] Theodore E. Ferris. Washington: Gov. Prtg. Off., 1917. 4, 6 p., 61 l., 4 p. 12°. (no. 4.) **VXHD**

596. —— Douglas fir ship. Specifications for the construction of a standard wood steamship. May, 1917. [By] Theodore E. Ferris. Washington: Gov. Prtg. Off., 1917. 7, 4 p., 66 l., 2 p., 2 l. 12°. (no. 6.) **VXHD**

597. —— Lake ship — lock size. Specifications for the construction of a standard wood steamship to be built on the Great Lakes. June, 1917. [By] Theodore E. Ferris. Washington: Gov. Prtg. Off., 1917. 69 l. 12°. (no. 12.) **VXHD**

598. —— Lake ship — lock size. Specifications for the construction of a standard wood steamship. Hull only. To be built on the Great Lakes. June, 1917. [By] Theodore E. Ferris. Washington: Gov. Prtg. Off., 1917. 63 l. 12°. (no. 13.) **VXHD**

599. —— Timber schedule and specifications for standard wood steamship, Pacific coast. Largely Douglas fir. May 20, 1917. Washington: Gov. Prtg. Off., 1917. 16 p., 1 l. 12°. (no. 2.) **VXHD**

600. —— Yellow pine ship. Specifications for the construction of a standard wood steamship. Hull only. May, 1917. [By] Theodore E. Ferris. Washington: Gov. Prtg. Off., 1917. 4 p., 62 l., 3 p. 12°. (no. 3.) **VXHD**

601. —— Yellow pine ship. Specifications for the construction of a standard wood steamship. May, 1917. [By] Theodore E. Ferris. Washington: Gov. Prtg. Off., 1917. 4, 7 p., 68 l., 2 p., 2 l. 12°. (no. 5.) **VXHD**

Wooden Ships, continued.

1917, continued.

602. **United States** government standard wooden steamships. illus. (Engineering. London, 1917. v. 104, p. 90–92.) **VDA**

603. **United States** standard twin-screw wooden steamships. illus. (Engineering. London, 1917. v. 104, p. 381–382.) **VDA**

604. **Wood** shipbuilding in British Columbia. illus. (Shipping. New York, 1917. v. 1, p. 374–376.) † **TRA**

605. **Wooden** cargo carriers for U. S. A. (Marine review. Cleveland, 1917. v. 47, p. 191–193.) † **VXA**

1918

606. **Brenzinger,** A. H. Shipbuilding for house carpenters. (Building age. New York, 1918. v. 40, p. 280–281, 332–333.) † **VEA**

607. **Canadian** standard wood ship. (Shipping. New York, 1918. v. 2, p. 68–70, 97–98.) † **TRA**

608. **Estep,** Harvey Cole. How wooden ships are built. Cleveland, O.: Penton Pub. Co., 1918. xi, 101 p. illus. 4°. **VXH**

609. **Familiar** scenes in a modern shipyard. Some facts on wooden construction. (Scientific American supplement. New York, 1918. v. 86, p. 104–105.) **VA**

610. **Grondal,** B. L. A problem of wooden shipbuilding. The preservation of hulls. (Scientific American supplement. New York, 1918. v. 85, p. 59.) **VA**

611. **Hill,** R. C. Anyox — a new wooden ore carrier. illus. (Marine review. New York, 1918. v. 48, p. 29–32.) **VXA**

612. **Machines** for making wooden ships. illus. (Scientific American. New York, 1918. v. 119, p. 33.) **VA**

613. **New** Pacific coast steam schooners. illus. (International marine engineering. New York, 1918. v. 23, p. 281–284.) † **VXA**

614. **New** types of wooden ships building in Texas. illus. (International marine engineering. New York, 1918. v. 23, p. 292–293.) † **VXA**

615. **Oak** steamer built for U. S. illus. (Marine review. Cleveland, 1918. v. 48, p. 418–421.) **VXA**

616. **Oldham,** J. R. Wood and steel ships compared. (Nautical gazette. New York, 1918. v. 93, no. 17, p. 6–7.) † **VXA**

617. **Thearle,** S. J. P. How wooden ships are laid off. illus. (Marine review. New York, 1918. v. 48, p. 197–201, 252–258.) † **VXA**

618. **Thompson,** William John, compiler. Wooden shipbuilding. A comprehensive manual for wooden shipbuilders to which is added a masting and rigging guide. Chicago: A. C. McClurg & Co., 1918. 5 p.l., 202 p. tables. 12°. **VXH**

619. **United States.** — Shipping Board Emergency Fleet Corporation. Timber schedule and specifications for standard wood steamship. Gulf and Atlantic coast. Largely southern yellow pine. Revised January 1, 1918. Washington: Gov. Prtg. Off., 1918. 27 l. 12°. (no. 23 revised.) **VXHD**

620. **Van Gaasbeek,** Richard Montgomery. Practical course in wooden boat and shipbuilding. Chicago: F. J. Drake & Company [1918]. 1 p.l., 7–204 p. illus. 12°. **VXH**

621. **Wooden** ships versus the submarine. Description of various types of wooden ships building for ourselves and the allies. illus. (Scientific American. New York, 1918. v. 118, p. 588–589.) **VA**

Iron and Steel Ships

1908

622. **Another** Brazilian liner [Para]. illus. (International marine engineering. New York, 1908. v. 13, p. 86–88.) † **VXA**

623. **Attilio,** Dagnino. The new Italian steamship Europa. illus. (International marine engineering. New York, 1908. v. 13, p. 415–418.) † **VXA**

624. The **Battleship** Bellerophon. illus. (International marine engineering. New York, 1908. v. 13, p. 42–43.) † **VXA**

625. **Bell,** Thomas. Speed of the Cunard turbine-steamer "Lusitania." illus. (Engineering. London, 1908. v. 85, p. 489–493.) **VDA**

626. **Berry,** W. T., and J. H. **Gardner.** The steamer Commonwealth. 17 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1908. v. 16, p. 231–246.) **VXA**

627. **Boklevsky,** C. Les meilleurs types de bateaux maritimes pour le transport des marchandises. 26 p., 2 pl. 8°. (International Congress on Navigation, St. Petersburg, 1908. Reports. Section 2.) **VXA**

Iron and Steel Ships, continued.

1908, continued.

628. **Brazilian** battleship "Minas Geraes." illus. (Engineering. London, 1908. v. 86, p. 352.) **VDA**

629. **Britain's** new turbine battle cruiser Indomitable. illus. (International marine engineering. New York, 1908. v. 13, p. 325–327.) † **VXA**

630. **Bruenner,** M. A. R. The Berlin marine exhibition. illus. (Cassier's magazine. New York, 1908. v. 34, p. 488–502.) **VDA**

631. **Bulgarian** torpedo-boats. illus. (Engineering. London, 1908. v. 86, p. 138–139.) **VDA**

*Also supplement, July 31, 1908.

632. **Clyde-built** ships for Austria. [Martha Washington.] illus. (Engineer. London, 1908. v. 106, p. 202.) **VA**

633. **Craggs,** E. H. Framing of vessels. 11 pl. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1908. v. 24, p. 289–302, 317–356.) **VXA**

634. —— —— (Marine review. New York, 1908. v. 38, no. 1, p. 24–29.) **VXA**

635. The **Cunard** steamship Mauretania. illus. (International marine engineering. New York, 1908. v. 13, p. 9–12.) † **VXA**

636. **Curr,** Robert. Lake ship yard methods of steel ship construction. (Marine review. New York, 1908. v. 38, no. 1, p. 36–38; no. 2, p. 16–17; no. 3, p. 22–23; no. 4, p. 22–23; no. 5, p. 26–27; no. 6, p. 36–38; no. 7, p. 22–23; no. 8, p. 22–23; no. 9, p. 26–27; no. 10, p. 58–60; no. 15, p. 26; v. 39, no. 9, p. 38–41; no. 13, p. 39–41; no. 14, p. 94–96; no. 17, p. 269–273; no. 18, p. 316–318; v. 40, no. 2, p. 64–65.) **VXA**

637. —— Shipbuilding on the Great Lakes. 29 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1908. v. 16, p. 195–209.) **VXA**

638. **De Rusett,** E. W. The design of fast ocean steamers. illus. (Cassier's magazine. New York, 1908. v. 35, p. 90–108.) **VDA**

639. **Driessen,** Paul. Der Doppelschrauben-Passagier- und Frachtdampfer "George Washington" des Norddeutschen Lloyd. 9 pl. illus. (Schiffbau. Berlin, 1908. Jahrg. 10, p. 265–312.) † **VXA**

640. **Egyptian** mail turbine-steamers "Heliopolis" and "Cairo." illus. (Engineering. London, 1908. v. 85, p. 560–561, 616–618.) **VDA**

Also supplements, April 24 and May 8, 1908.

641. The **Factors** of efficiency in the construction of a battleship. illus. (Current literature. New York, 1908. v. 44, p. 327–331.) * **DA**

642. **Foerster,** Ernst. Die Technik der Weltschiffahrt... Berlin: K. W. Mecklenburg [pref. 1908]. 4 p.l., 167 p., 1 folded diagr., 2 folded pl. illus. 12°. (Nautische Bibliothek. Bd. 6–7.) **VXF (Nautische)**

643. Der **Für** die italienische Marine geeignetste Linienschiffstyp. (Germany.— Marine Amt. Marine Rundschau. Berlin, 1908. Jahrg. 19, p. 1147–1162.) **VXA**

644. **German** naval dockship Vulcan. illus. (Engineer. London, 1908. v. 106, p. 460, 462.) **VA**

645. **H. M.** battleships "Agamemnon" and "Lord Nelson." illus. (Engineering. London, 1908. v. 86, p. 293–294, 389–390.) **VDA**

Also supplements, Sept. 18 and Sept. 25, 1908.

646. **H. M. S.** Indomitable. illus. (Engineering. London, 1908. v. 85, p. 704–705.) **VDA**

647. **H. M.** yacht "Alexandra." illus. (Engineering. London, 1908. v. 85, p. 821–822.) **VDA**

648. **Holmes,** Samuel. Holmes' tube tanker. (Marine review. New York, 1908. v. 38, no. 19, p. 38–40.) **VXA**

649. **Indian** pilot cruiser "Lady Fraser." illus. (Engineering. London, 1908. v. 86, p. 87–88.) **VDA**

650. **Iron-ore-carrying** steamer "Polcirkeln." illus. (Engineering. London, 1908. v. 85, p. 80–81.) **VDA**

651. **Isherwood,** J. W. A new system of ship construction. (Institution of Naval Architects. Transactions. London, 1908. v. 50, p. 115–137.) **VXA**

652. —— —— (Engineering. London, 1908. v. 85, p. 830–834.) **VDA**

653. —— —— (Marine engineer and naval architect. London, 1908. v. 30, p. 405–411.) **VXA**

654. **Isle of Man** turbine steamer "Ben-my-chree." illus. (Engineering. London, 1908–09. v. 86, p. 200, 203; v. 87, p. 511–512.) **VDA**

Also supplement, Aug. 14, 1908.

655. **Italian** battleship Regina Elena. (Engineer. London, 1908. v. 105, p. 28–29.) **VA**

656. **Judaschke,** Franz. Der Argo-Dampfer "Schwan." illus. (Schiffbau. Berlin, 1908. Jahrg. 9, p. 363–368.) † **VXA**

657. **Kaemmerer,** W. Der Turbinendampfer "Tenyo Maru." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1908. Bd. 52, p. 1662–1667.) **VDA**

Iron and Steel Ships, continued.

1908, continued.

658. **Kielhorn,** Karl. Die Winkelprofile im Handelsschiffbau. (Stahl und Eisen. Düsseldorf, 1908. Jahrg. 28, p. 1233–1237.) **VIA**

659. **Klitzing.** Das Dockschiff "Vulcan" der kaiserlichen Marine. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1908. Bd. 52, p. 1717–1719.) **VDA**

660. **Koon,** S. G. Mallory line steamship Brazos. illus. (International marine engineering. New York, 1908. v. 13, p. 507–514.) † **VXA**

661. **Laas,** Walter. Die grossen Segelschiffe... Berlin: Julius Springer, 1908. viii, 127 p., 77 pl. illus. 4°. † **VXH**

662. **Lake** passenger steamer City of Cleveland. illus. (International marine engineering. New York, 1908. v. 13, p. 371–378.) † **VXA**

663. **Launch** of the North Dakota. illus. (International marine engineering. New York, 1908. v. 13, p. 520–522.) † **VXA**

664. **Launch** of the White Star Dominion liner Laurentic. illus. (Marine review. New York, 1908. v. 38, no. 14, p. 30–31.) **VXA**

665. [**Launching** of the Laurentic.] illus. (Engineer. London, 1908. v. 106, p. 291–292.) **VA**

666. **McPherson,** Allan. New Egyptian mail turbine steamship Heliopolis. illus. (International marine engineering. New York, 1908. v. 13, p. 1–6.) † **VXA**

667. **Mills,** J. C. The giant ore carriers on the Great Lakes. illus. (Cassier's magazine. New York, 1908. v. 35, p. 109–119.) **VDA**

668. The **Minas Geraes.** (Engineer. London, 1908. v. 106, p. 260–261.) **VA**

669. **New** Brazilian liner Verdi. illus. (International marine engineering. New York, 1908. v. 13, p. 99–101.) † **VXA**

670. **New** cable ship. illus. (Engineer. London, 1908. v. 105, p. 4–5, 6, 12.) **VA**

671. A **New** departure in ship construction. illus. (Scientific American supplement. New York, 1908. v. 66, p. 177–178.) **VA**

Isherwood system.

672. **New** Japanese transpacific liners. illus. (International marine engineering. New York, 1908. v. 13, p. 279–281.) † **VXA**

673. **New** royal yacht Alexandra. illus. (Engineer. London, 1908. v. 105, p. 327–328.) **VA**

674. **New** survey steamer for the Russian government. illus. (Engineer. London, 1908. v. 105, p. 566.) **VA**

675. **Peltier,** Jules G. The Atlantic liner Chicago. illus. (International marine engineering. New York, 1908. v. 13, p. 438–440.) † **VXA**

676. —— The French armored cruiser Edgar Quinet. illus. (International marine engineering. New York, 1908. v. 13, p. 235–236.) † **VXA**

677. —— The French liner Guadeloupe. illus. (International marine engineering. New York, 1908. v. 13, p. 43–45.) † **VXA**

678. —— Russian armored cruiser Amiral Makaroff. illus. (International marine engineering. New York, 1908. v. 13, p. 448–450.) † **VXA**

679. **Recent** freight steamship designs. illus. (Scientific American supplement. New York, 1908. v. 65, p. 200–201.) **VA**

680. **Steam** collier Everett. illus. (Engineering. London, 1908. v. 85, p. 178–179.) **VDA**

681. **Steam** lumber schooners for the Pacific coast. illus. (International marine engineering. New York, 1908. v. 13, p. 152–156.) † **VXA**

682. **Thearle,** S. J. P. The design and building of modern cargo steamers. illus. (Cassier's magazine. New York, 1908. v. 35, p. 28–44.) **VDA**

683. **Thornycroft,** J. E. Modern torpedo-boats and destroyers. illus. (Institution of Naval Architects. Transactions. London, 1908. v. 50, p. 59–76.) **VXA**

684. —— —— (American Society of Naval Engineers. Journal. Washington, 1908. v. 20, p. 423–438.) **VXA**

685. —— —— (Engineering. London, 1908. v. 85, p. 487–489.) **VDA**

686. —— —— (Marine engineer and naval architect. London, 1908. v. 30, p. 449–452.) **VXA**

687. —— —— (Revista general de marina. Madrid, 1908. tomo 62, p. 1020–1036.) **VXA**

688. **Triple-screw** turbine-driven Pacific liner "Tenyo Maru." illus. (Engineering. London, 1908. v. 86, p. 444, 592–596.) **VDA**

Also supplements, Oct. 2 and 30, 1908.

689. **Twin-screw** Allan liner "Corsican." illus. (Engineering. London, 1908. v. 85, p. 46–47.) **VDA**

690. **Wallace,** W. C. Some recent inventions as applied to modern steamships. 5 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1908. v. 16, p. 151–165.) **VXA**

Iron and Steel Ships, continued.

1908, continued.

691. **Welch,** John Joseph. The design of modern warships. illus. (Cassier's magazine. New York, 1908. v. 35, p. 3–27.) **VDA**

692. **West,** C. C. Centrifugal pump fireboats. 6 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1908. v. 16, p. 211–230.) **VXA**

693. The **World's** biggest battleships. The "St. Vincent" and "Minas Geraes." illus. (Marine engineer and naval architect. London, 1908. v. 31, p. 75–77.) **VXA**

1909

694. **Albrecht,** Max. Transport des Erdöls und seiner Produkte zu Wasser. illus. (In: C. Engler and H. Höfer, Das Erdöl. Leipzig, 1909. Bd. 2, p. 899–964.) **VHY**

695. **Attilio,** Dagnino. The Italian battleship Roma. illus. (International marine engineering. New York, 1909. v. 14, p. 423–425.) † **VXA**

696. **Berry,** W. T., and J. H. GARDNER. The steamer Commonwealth. illus. (International marine engineering. New York, 1909. v. 14, p. 10–19.) † **VXA**

697. ——— (Marine review. New York, 1909. v. 39, no. 14, p. 68–75.) **VXA**

698. **Brazilian** battleship "São Paulo." illus. (Engineering. London, 1909. v. 87, p. 557–558, 560.) **VDA**

699. **Brazilian** torpedo-boat destroyers. illus. (Engineer. London, 1909. v. 108, p. 4–7.) **VA**

700. **Car** ferry Drottning Victoria. illus. (Marine review. New York, 1909. v. 39, no. 17, p. 242–246.) **VXA**

701. Les **Contre-torpilleurs** de la marine brésilienne. illus. (Génie civil. Paris, 1909. tome 55, p. 385–386.) **VA**

702. **Corrugated** system of ship construction. illus. (Engineer. London, 1909. v. 108, p. 145.) **VA**

703. ——— (Scientific American. New York, 1909. v. 101, p. 241.) **VA**

704. **Croneau.** Acorazados modernos. (Revista general de marina. Madrid, 1909. tomo 64, p. 213–269.) **VXA**

705. Der **Doppelschrauben-Personen-** und Frachtdampfer "Prinz Friedrich Wilhelm." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1909. Bd. 53, p. 22–26, 63–67.) **VDA**

706. **Fleet** colliers Mars, Vulcan and Hector. illus. (Marine review. New York, 1909. v. 39, p. 421–428.) **VXA**

707. Die **Fortschritte** des deutschen Schiffbaues unter besonderer Berücksichtigung der Entwicklung des Norddeutschen Lloyd. Berlin: Hobbing & Co., 1909. 463 p. illus. 4°. † **VXHD**

708. **Freighter** for the A. H. Bull Steamship Company. illus. (Marine review. New York, 1909. v. 39, no. 14, p. 65–68.) **VXA**

709. **French** armoured cruiser Ernest Renan. illus. (Engineer. London, 1909. v. 108, p. 240–242.) **VA**

710. The **French** battleships Diderot and Condorcet. illus. (International marine engineering. New York, 1909. v. 14, p. 381–383.) † **VXA**

711. The **French** dreadnaughts. illus. (Engineer. London, 1909. v. 107, p. 438–441.) **VA**

712. **Fruit** and passenger steamer Tortuguero. illus. (Engineer. London, 1909. v. 108, p. 30–32.) **VA**

713. The **"George Washington."** illus. (Scientific American supplement. New York, 1909. v. 67, p. 408–409.) **VA**

714. **H. M. S.** Cyclops, floating repair shop for the navy. illus. (Engineer. London, 1909. v. 108, p. 77–79.) **VA**
Also supplement, July 23, 1909.

715. The **Hamburg-American** line steamer Cleveland. illus. (International marine engineering. New York, 1909. v. 14, p. 85–89.) † **VXA**

716. **Haver,** A. H. The Monitoria. illus. (International marine engineering. New York, 1909. v. 14, p. 477–479.) † **VXA**

717. **Holm,** Axel. The car ferries of the Danish government. illus. (International marine engineering. New York, 1909. v. 14, p. 123–129.) † **VXA**

718. **Hunt,** H. R. The strength of knees and brackets on beams and stiffeners. 4 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1909. v. 17, p. 109–119.) **VXA**

719. **Japanese** volunteer steamer Sakura Maru. illus. (International marine engineering. New York, 1909. v. 14, p. 203–207.) † **VXA**

720. **Japanese** volunteer turbine steamer "Sakura Maru." illus. (Engineering. London, 1909. v. 87, p. 331–332.) **VDA**

721. **Kaemmerer,** W. Der Frachtdampfer "John Heidmann." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1909. Bd. 53, p. 1137–1140.) **VDA**

722. **Kielhorn,** Carl. Die Eindeckschiffe nach den neuen Regeln des Englischen Lloyd. (Schiffbau. Berlin, 1909. Jahrg. 11, p. 9–16, 54–58.) † **VXA**

Iron and Steel Ships, continued.

1909, continued.

723. —— Die Umwälzung in den englischen Schiffbauprofilen. (Stahl und Eisen. Düsseldorf, 1909. Jahrg. 29, p. 1935–1939.) **VIA**

724. **Kohlendampfer** "John Heidmann." 2 pl. (Schiffbau. Berlin, 1909. Jahrg. 10, p. 714–716.) † **VXA**

725. **Kondo,** Motoki. Progress of naval construction in Japan. (Institution of Naval Architects. Transactions. London, 1911. v. 53, part 2, p. 50–60.) **VXA**

726. **Kurtzahn,** Ernst. Der Doppeschraubendampfer "George Washington." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1909. Bd. 53, p. 1565–1572.) **VDA**

727. **Lancashire** and Yorkshire Railway Company's turbine steamers. illus. (Engineering. London, 1909. v. 88, p. 757–758, 760.) **VDA**

Also supplement, Dec. 3, 1909.

728. **Lang,** W. V. Some details of a cargo steamer. (Marine engineer and naval architect. London, 1909. v. 31, p. 318–326.) **VXA**

729. **Launch** of H. M. S. "Vanguard." illus. (Engineering. London, 1909. v. 87, p. 286, 290–292.) **VDA**

730. **Lienau,** Otto. Der Doppelschrauben-Passagier- und Frachtdampfer "Berlin." 9 pl. illus. (Schiffbau. Berlin, 1909. Jahrg. 10, p. 651–703.) † **VXA**

731. **Life-saving** steamship Snohomish. illus. (Engineer. London, 1909. v. 108, p. 144.) **VA**

732. **Longitudinally** framed ships. illus. (Engineer. London, 1909. v. 107, p. 234–236.) **VA**

733. **Lyster,** Anthony George, and W. Boyd. The suction dredger "Leviathan." (Institution of Naval Architects. Transactions. London, 1909. v. 51, p. 100–115.) **VXA**

734. —— —— (Marine engineer and naval architect. London, 1909. v. 31, p. 381–385.) **VXA**

735. **Naval** repair ship "Cyclops." (Engineering. London, 1909. v. 88, p. 69–71.) **VDA**

Also supplement, July 16, 1909.

736. **New** methods of steel hull construction. illus. (Marine review. New York, 1909. v. 39, p. 261–262.) **VXA**

737. **New** Orient Australian mail liner "Orsova." illus. (Engineering. London, 1909. v. 87, p. 715–717.) **VDA**

Also supplement, May 28, 1909.

738. The **New** Orient liners. illus. (Engineer. London, 1909. v. 107, p. 545–546.) **VA**

739. **New** railway train ferry service [Sassnitz, Germany, and Trelleborg, Sweden]. illus. (Engineer. London, 1909. v. 108, p. 55–56, 107–110, 112.) **VA**

740. **New** scout cruisers. illus. (Engineering. London, 1909. v. 88, p. 764–765, 767–768.) **VDA**

741. The **New** steamship Wilhelmina. illus. (International marine engineering. New York, 1909. v. 14, p. 482–486.) † **VXA**

742. **New** type of self-discharging coaling vessel. illus. (Engineer. London, 1909. v. 108, p. 222–223.) **VA**

743. **Norddeutscher - Lloyd** twin-screw steamer "George Washington." illus. (Engineering. London, 1909. v. 88, p. 276–280, 282, 286.) **VDA**

Also supplement, Aug. 27, 1909.

744. **Northern** Navigation Co.'s S. S. Hamonic. illus. (Marine review. New York, 1909. v. 39, p. 279–285.) † **VXA**

745. **Olsen,** H. M. Danish state railway ferries. 5 pl. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1909. v. 52, p. 180–193.) **VDA**

746. **Orient** Company's Australian mail liner "Otway." illus. (Engineering. London, 1909. v. 87, p. 745–747, 748–749.) **VDA**

Also supplement, June 4, 1909.

747. **Orient** Company's twin-screw liners "Otranto" and "Orvieto." (Engineering. London, 1909. v. 88, p. 580–582.) **VDA**

Also supplement, Oct. 29, 1909.

748. **Orient** line T. S. S. Otranto. (Engineer. London, 1909. v. 108, p. 27.) **VA**

749. **Pacific** Steam Navigation Company's twin-screw steamer "Orcoma." illus. (Engineering. London, 1909. v. 87, p. 209–211.) **VDA**

Also supplement, Feb. 12, 1909.

750. **Paulmann,** und Blaum. Neuere Baggerkonstruktionen. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1909. Bd. 53, p. 1909–1919; Bd. 54, p. 657–663, 707–712, 1269–1276, 1352–1360; Bd. 55, p. 1923–1931, 1970–1976; Bd. 56, p. 1685–1689.) **VDA**

751. **Peltier,** Jules G. The French armored cruiser Ernest Renan. illus. (International marine engineering. New York, 1909. v. 14, p. 149–151.) † **VXA**

752. **Railway** ferry steamer "Prins Christian." illus. (Engineering. London, 1909. v. 88, p. 344, 347.) **VDA**

753. **Renner,** Wilhelm. Schiffbau und Schiffahrt auf den grossen Seen in Nordamerika. illus. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1909. Bd. 10, p. 228–298.) † **VXA**

Iron and Steel Ships, continued.

1909, continued.

754. The **"Robert Fulton."** A record in river steamboat construction. illus. (Scientific American supplement. New York, 1909. v. 67, p. 225–226.) **VA**

755. **S. S. George Washington.** illus. (International marine engineering. New York, 1909. v. 14, p. 273–276.) † **VXA**

756. **Sadler,** Herbert Charles. Some points in connection with shipbuilding on the Great Lakes, U. S. A. (Institution of Naval Architects. Transactions. London, 1909. v. 51, p. 220–232.) **VXA**

757. **Self-discharging** cargo steamers. illus. (Marine review. New York, 1909. v. 39, p. 437–440; v. 40, p. 14–16.) **VXA**

758. **Siamese** revenue cruiser. illus. (Engineering. London, 1909. v. 87, p. 76.) **VDA**

Also supplement, Jan. 15, 1909.

759. **Steel** passenger steamer H. B. Kennedy. illus. (Marine review. New York, 1909. v. 39, no. 13, p. 18–23.) **VXA**

760. **Stern** frames and brackets of the new White Star liners. illus. (Engineer. London, 1909. v. 108, p. 632–633, 636.) **VA**

761. **Suanzes,** Carlos. Construcción, manejo y organización de los buques de guerra modernos. (Revista general de marina. Madrid, 1909. tomo 65, p. 675–692, 851–864; tomo 66, p. 1–26, 287–304, 441–449, 543–561, 725–763, 947–974; tomo 67, p. 61–98, 261–283, 409–417, 599–647, 749–770, 939–956; tomo 68, p. 81–101, 243–260, 409–422, 575–594, 743–769.) **VXA**

762. **Suction** dredger "Leviathan." illus. (Engineering. London, 1909. v. 87, p. 570–574.) **VDA**

763. **Swedish** state railway ferry steamer "Malmö." illus. (Engineering. London, 1909. v. 88, p. 116–118.) **VDA**

764. **Taylor,** Benjamin. A longitudinally framed ship. illus. (International marine engineering. New York, 1909. v. 14, p. 30–33.) † **VXA**

765. **Torpedo-boat** destroyers for the Brazilian navy. illus. (Engineering. London, 1909. v. 87, p. 347–349, 352.) **VDA**

Also supplement, March 12, 1909.

766. **Train-ferry** steamer "Fabius" for Northern Nigeria. illus. (Engineering. London, 1909. v. 88, p. 440–441, 443–444.) **VDA**

767. A **Twin-hatch** steamer with central deck ballast tank. illus. (Marine engineer and naval architect. London, 1909. v. 31, p. 362–366.) **VXA**

768. **United States** battleships Delaware and North Dakota. illus. (International marine engineering. New York, 1909. v. 14, p. 465–466.) † **VXA**

769. **United States** fleet colliers Vestal and Prometheus. illus. (Marine review. New York, 1909. v. 39, p. 339–341.) **VXA**

770. La **Veloce** liner "America." illus. (Engineering. London, 1909. v. 88, p. 410–412, 418.) **VDA**

Also supplement, Sept. 24, 1909.

771. **White Star** Canadian liner Laurentic. illus. (Engineer. London, 1909. v. 107, p. 426.) **VA**

772. **White Star** liner Olympic under construction. illus. (Engineer. London, 1909. v. 108, p. 226.) **VA**

773. **White Star** liners Olympic and Titanic. illus. (Engineer. London, 1909. v. 108, p. 585.) **VA**

774. **Zeyss,** G. Entwurf eines Petroleum-Transport-Fahrzeuges. 2 pl. (Schiffbau. Berlin, 1909. Jahrg. 10, p. 511–517, 547–551.) † **VXA**

1910

775. **Attilio,** Dagnino. The first Italian turbine passenger steamer. illus. (International marine engineering. New York, 1910. v. 15, p. 407–409.) † **VXA**

776. **Bacon,** Reginald Hugh Spencer. The battleship of the future. (Institution of Naval Architects. Transactions. London, 1910. v. 52, p. 1–21.) **VXA**

777. —— —— (Engineer. London, 1910. v. 109, p. 284.) **VA**

778. —— Le cuirassé de l'avenir. (France. — Ministère de la Marine. Revue maritime. Paris, 1910. tome 187, p. 709–721.) **VA**

779. —— Das Linienschiff der Zukunft. (Germany. — Marine Amt. Marine Rundschau. Berlin, 1910. Jahrg. 21, p. 585–592.) **VXA**

780. **Barry,** R. E. Design for a naval collier. illus. (International marine engineering. New York, 1910. v. 15, p. 326–329.) † **VXA**

781. **Battleship** design. illus. (Engineering. London, 1910. v. 90, p. 305–306, 309.) **VDA**

782. **Brazilian** battleship "Minas Geraes." illus. (Engineering. London, 1910. v. 89, p. 65–70.) **VDA**

Also supplement, Jan. 21, 1910.

783. **Brazilian** scout cruisers. illus. (Engineer. London, 1910. v. 109, p. 431.) **VA**

Also supplement, April 29, 1910.

Iron and Steel Ships, continued.

1910, continued.

784. **Brazilian** scout cruisers. illus. (Engineer. London, 1910. v. 109, p. 514–516.) **VA**

785. **Buchsbaum,** G. Das Isherwood System. illus. (Schiffbau. Berlin, 1910. Jahrg. 12, p. 73–79, 111–114.) † **VXA**

786. **Bulk-oil** steamship J. A. Chanslor. illus. (International marine engineering. New York, 1910. v. 15, p. 227–231.) † **VXA**

787. **Coleman,** F. C. A new type of iron-ore transport. illus. (International marine engineering. New York, 1910. v. 15, p. 241–243.) † **VXA**

788. —— The Swedish train ferry Drottning Victoria. illus. (International marine engineering. New York, 1910. v. 15, p. 10–12.) † **VXA**

789. **Cunard** steamship Franconia. illus. (Engineer. London, 1910. v. 110, p. 140–141, 144.) **VA**

790. **Details** of the Russian volunteer steamer "Orel." illus. (Engineering. London, 1910. v. 89, p. 313–314, 316.) **VDA**

Also supplement, March 11, 1910.

791. **Dietze.** Bekohlungs Ausrüstung der Kohlenschiffe der United States Navy. illus. (Schiffbau. Berlin, 1910. Jahrg. 12, p. 4–10.) † **VXA**

792. **Double** bottoms in modern steel vessels. illus. (Marine engineer and naval architect. London, 1910. v. 32, p. 203–204, 297–298.) **VXA**

793. **Eckmann,** C. J. Zur Entstehungsgeschichte der Tankdampfer. (Schiffbau. Berlin, 1910. Jahrg. 11, p. 610–612.) † **VXA**

794. **European** ore-carrying steamship. illus. (Marine review. New York, 1910. v. 40, p. 169–173.) **VXA**

795. **Fletcher,** R. A. Steamships. The story of their development to the present day. London: Sidgwick & Jackson, 1910. xx, 421 p. illus. 4°. † **VXHD**

796. **Four** new twin-screw steamers for the Nippon Yusen Kaisha European line. illus. (International marine engineering. New York, 1910. v. 15, p. 273–277.) † **VXA**

797. **French** Atlantic liner France. illus. (Engineer. London, 1910. v. 110, p. 417–418.) **VA**

798. **French** destroyer Voltiguer. illus. (Engineer. London, 1910. v. 109, p. 562–563.) **VA**

799. The **French** liner France. illus. (International marine engineering. New York, 1910. v. 15, p. 512–514.) † **VXA**

800. **German** battleship "Rheinland." illus. (Engineering. London, 1910. v. 89, p. 745–746, 748.) **VDA**

801. **German** cruiser Von der Tann. illus. (Engineer. London, 1910. v. 109, p. 488–489.) **VA**

802. **Goodrich,** Caspar Frederick. Random notes on a lake freighter. illus. (United States Naval Institute. Proceedings. Annapolis, 1910. v. 36, p. 943–956.) **VXA**

803. **Grand Trunk Pacific Company's** T. S. S. "Prince Rupert." illus. (Engineering. London, 1910. v. 89, p. 776–778.) **VDA**

Also supplement, June 17, 1910.

804. **H. M.** battleship "Vanguard." illus. (Engineering. London, 1910. v. 89, p. 209–210.) **VDA**

805. **H. M.** protected cruiser "Newcastle." illus. (Engineering. London, 1910. v. 90, p. 264–265.) **VDA**

Also supplement, Aug. 19, 1910.

806. **Handy,** I. O. Some notes on the erection of the Baikal railway ferry steamers. illus. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1910. v. 26, p. 181–192.) **VXA**

807. **Hart,** G. L'évolution dans les systèmes de constructions navales. (Société des ingénieurs civils de France. Mémoires et travaux. Paris, 1910. année 1910, semestre 1, p. 417–444.) **VDA**

808. **Haver,** A. H. Corrugated sides on S. S. "Monitoria" and their effect. 3 pl. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. London, 1910. v. 26, p. 257–281, 285–300, 311–324.) **VXA**

809. —— —— (Engineer. London, 1910. v. 109, p. 204–205.) **VA**

810. The **"Jan Breydel"** and "Pieter de Coninck" on the Ostend-Dover service. illus. (Engineering. London, 1910. v. 90, p. 84–88, 90.) **VDA**

Also supplement, July 15, 1910.

811. **Japanese** battleship Satsuma. illus. (Engineer. London, 1910. v. 109, p. 386.) **VA**

812. **Kaemmerer,** W. Die Eisenbahnfährschiffe "Deutschland" und "Preussen." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1910. Bd. 54, p. 1–5.) **VDA**

813. **Knipping,** P. Die deutschen Fischdampfertypen. 2 pl. (Schiffbau. Berlin, 1910. Jahrg. 11, p. 459–463.) † **VXA**

814. The **Largest** ship: the "Europa." illus. (Scientific American. New York, 1910. v. 103, p. 481, 487.) **VA**

Iron and Steel Ships, continued.

1910, continued.

815. **Latest** French torpedo-boat destroyers. (Engineer. London, 1910. v. 109, p. 245–246.) **VA**

Also supplement, March 11, 1910.

816. **Launch** of the Cunard steamship Franconia. illus. (Engineer. London, 1910. v. 110, p. 114.) **VA**

817. **Launch** of H. M. S. "Colossus." illus. (Engineering. London, 1910. v. 89, p. 476, 482.) **VDA**

818. **Launch** of the Olympic. illus. (Engineer. London, 1910. v. 110, p. 433–435, 462.) **VA**

Also supplements, Oct. 21 and Oct. 28, 1910.

819. **Launch** of the Olympic. illus. (International marine engineering. New York, 1910. v. 15, p. 489–495.) † **VXA**

820. **Launching** of the S. S. "Olympic." illus. (American marine engineer. Chicago, 1910. v. 5, no. 11, p. 7–10.) † **VXA**

821. **Launching** the William P. Palmer. illus. (Marine review. New York, 1910. v. 40, p. 442–447.) **VXA**

822. The **Launching** of the world's greatest ship. illus. (Scientific American. New York, 1910. v. 103, p. 380, 391.) **VA**

823. **Mine-laying** and torpedo-regulation vessel for Portugal. illus. (Engineering. London, 1910. v. 90, p. 362–363.) **VDA**

824. **Modern** torpedo boat destroyers. (International marine engineering. New York, 1910. v. 15, p. 329–333.) † **VXA**

825. **Mueller,** Ernst. Eisenschiffbau. Leipzig: B. G. Teubner, 1910. vi, 170 p. illus. 8°. **VXHK**

826. **New** American-Hawaiian steamers. illus. (International marine engineering. New York, 1910. v. 15, p. 399–403.) † **VXA**

827. **New** British scout cruisers. (Engineer. London, 1910. v. 109, p. 61.) **VA**

828. The **New** Castle liner Balmoral Castle. illus. (International marine engineering. New York, 1910. v. 15, p. 45–47.) † **VXA**

829. The **New** Cunard liner "Franconia." illus. (Marine engineer and naval architect. London, 1910. v. 33, p. 44–47.) **VXA**

830. A **New** departure in American shipbuilding. illus. (International marine engineering. New York, 1910. v. 15, p. 355–357.) † **VXA**

831. A **New** lake passenger steamer. illus. (International marine engineering. New York, 1910. v. 15, p. 366–370.) † **VXA**

832. **New** Queensborough and Flushing mail steamers. illus. (Engineering. London, 1910. v. 89, p. 40–42.) **VDA**

833. The **New** river steamers City of Philadelphia and City of Wilmington. illus. (International marine engineering. New York, 1910. v. 15; p. 133–136.) † **VXA**

834. The **New** Russian battleships. illus. (Engineering. London, 1910. v. 89, p. 652–654.) **VDA**

835. The **New** Spanish navy. illus. (Engineering. London, 1910. v. 90, p. 77–80, 82.) **VDA**

836. **New** steamers for the Nippon Yusen Kaisha. illus. (Engineering. London, 1910. v. 89, p. 142–144, 146, 210, 212.) **VDA**

Also supplements, Feb. 4 and Feb. 18, 1910.

837. **New** type of ore-carrying steamship. illus. (Engineer. London, 1910. v. 109, p. 278, 282–283.) **VA**

838. **Oesten,** K. Doppelschrauben Frachtund Passagierdampfer "Cincinnati." 3 pl. illus. (Schiffbau. Berlin, 1910. Jahrg. 11, p. 312–316.) † **VXA**

839. **Paddle** steamer Weeroona. illus. (Engineer. London, 1910. v. 110, p. 629–630.) **VA**

840. **Passenger** and freight steamships City of Montgomery and City of St. Louis. illus. (International marine engineering. New York, 1910. v. 15, p. 293–297.) † **VXA**

841. **S.S.** Herman Frasch. illus. (International marine engineering. New York, 1910. v. 15, p. 66–70.) † **VXA**

842. The **Second** turbine steamer for the Japanese volunteer fleet. illus. (International marine engineering. New York, 1910. v. 15, p. 87–90.) † **VXA**

843. **South African** mail steamer "Balmoral Castle." (Engineering. London, 1910. v. 89, p. 449–450, 478.) **VDA**

Also supplements, April 8, April 15 and April 29, 1910.

844. **Strouse,** M. H. A new fireboat for Seattle, Wash. (Engineering news. New York, 1910. v. 63, p. 716–717.) **VDA**

845. **T. S.** survey steamer Cartier. illus. (Engineer. London, 1910. v. 109, p. 638–639.) **VA**

846. Das **Torpedoboot.** (Germany. — Marine Amt. Marine Rundschau. Berlin, 1910. Jahrg. 21, p. 947–964.) **VXA**

847. **Trials** of the Brazilian battleship "São Paulo." illus. (Engineering. London, 1910. v. 89, p. 722–724.) **VDA**

848. **Tribal** class of destroyers. illus. (Engineer. London, 1910. v. 109, p. 314.) **VA**

Iron and Steel Ships, continued.

1910, continued.

849. Turbine cross-channel steamer Caesarea. illus. (Engineer. London, 1910. v. 110, p. 358.) **VA**

850. Twin-screw yacht Lien-Ching. illus. (Engineer. London, 1910. v. 110, p. 383, 384.) **VA**

851. The **U. S.** colliers Mars, Vulcan and Hector. illus. (International marine engineering. New York, 1910. v. 15, p. 25–29.) † **VXA**

852. Weihe, H., and O. Berndt. Einleitung. Baggermaschinen, Rammen und zugehörige Hülfsmaschinen, Wasserhebemaschinen. Leipzig: Wilhelm Engelmann, 1910. xvi, 471(1) p., 2 l., 14 pl. 4°. (In: Handbuch der Ingenieurwissenschaften. 3. ed. Teil 4, Bd. 1.) **VDM**

853. White Star line. illus. (Engineer. London, 1910. v. 109, supplement, June 24.) **VA**

854. White Star liner "Olympic." illus. (Engineering. London, 1910. v. 90, p. 564–572, 620–621, 693–695, 698.) **VDA**

Also supplements, Oct. 21, Nov. 4, Nov. 18, 1910.

855. The **White Star** liner Olympic. illus. (Marine engineer and naval architect. London, 1910. v. 33, p. 126–127.) **VXA**

856. White Star liners Olympic and Titanic. illus. (Engineer. London, 1910. v. 109, p. 231.) **VA**

1911

857. Argentine ocean-going turbine destroyers. (Engineer. London, 1911. v. 111, p. 60–61.) **VA**

858. Attilio, Dagnino. Italy's first turbine-driven cruiser, the San Marco. illus. (International marine engineering. New York, 1911. v. 16, p. 477–480.) † **VXA**

859. The **Australian** navy. illus. (Engineering. London, 1911. v. 92, p. 566, 570–571.) **VDA**

860. Bodenmueller, Albert. Der kleine geschützte Kreuzer "Uruguay." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1911. Bd. 55, p. 1–7, 62–70.) **VDA**

861. Bureau Veritas. Rules and regulations for the building and classification of steel vessels. Year 1911. Paris [1911]. xxi, 274 p., 1 l. 4°. **VXH**

862. Canadian lake and river steamer "Saguenay." illus. (Engineering. London, 1911. v. 92, p. 348–351.) **VDA**

Also supplement, Sept. 15, 1911.

863. Canadian Pacific Railway's oil-fuel-burning T. S. S. "Princess Alice." illus. (Engineering. London, 1911. v. 92, p. 764–766, 768.) **VDA**

864. Chinese training cruiser "Ying Swei." illus. (Engineering. London, 1911. v. 92, p. 826.) **VDA**

Also supplement, Dec. 22, 1911.

865. Cunard steamship Laconia. illus. (Engineer. London, 1911. v. 112, p. 125–126.) **VA**

866. Curr, Robert. Isherwood system of framing for small vessels. illus. (Marine review. New York, 1911. v. 41, p. 132–133, 185–187, 216–218.) **VXA**

867. Description of the U. S. suction dredge "New Orleans." illus. (American marine engineer. New York, 1911. v. 6, no. 11, p. 7–9.) † **VXA**

868. Design and performance of the transpacific liners Tenyo Maru and Chiyo Maru. (Engineer. London, 1911. v. 112, p. 137–138.) **VA**

869. Dobson, W. A. Designing and constructing an ocean-going steamer. illus. (Scientific American. New York, 1911. v. 105, p. 52–55.) **VA**

870. Der **Doppelschrauben-Salondampfer** "Hela." 2 pl. (Schiffbau. Berlin, 1911. Jahrg. 12, p. 326–329.) † **VXA**

871. Fleet collier Cyclops. illus. (Marine review. New York, 1911. v. 41, p. 26–30.) **VXA**

872. French Atlantic liner France. illus. (Engineer. London, 1911. v. 110, p. 417–418.) **VA**

873. French battleships. illus. (Engineer. London, 1911. v. 111, p. 266–267.) **VA**

874. French battleships Jean Bart and Courbet. illus. (Engineer. London, 1911. v. 112, p. 412.) **VA**

875. Giraud, J. E. L'évolution des cargos pour matières pondéreuses. illus. (Génie civil. Paris, 1911. tome 58, p. 199–204, 225–229.) **VA**

876. Graemer, L. Drei Fährdampfer. 5 pl. illus. (Schiffbau. Berlin, 1911. Jahrg. 13, p. 1–6.) † **VXA**

877. H. M. battleship "Colossus." illus. (Engineering. London, 1911. v. 91, p. 439–441.) **VDA**

Also supplement, April 7, 1911.

878. H. M. battleship "Monarch." illus. (Engineering. London, 1911. v. 91, p. 455–456.) **VDA**

879. H. M. S. Dartmouth. illus. (Engineer. London, 1911. v. 111, p. 174.) **VA**

880. H. M. S. Monarch. illus. (Engineer. London, 1911. v. 111, p. 406–407.) **VA**

Iron and Steel Ships, continued.

1911, continued.

881. **H. M. S.** Thunderer. illus. (Engineer. London, 1911. v. 111, p. 112–114.) **VA**

882. **Japanese Pacific** liner Shinyo-Maru. illus. (Engineer. London, 1911. v. 112, p. 537–538.) **VA**

883. **Kielhorn,** Carl. Die neue Richtung im Handelsschiffbau. (Schiffbau. Berlin, 1911. Jahrg. 12, p. 611–614, 657–663, 736–742.) † **VXA**

884. **Kirby,** F. E. Shipping on the Great Lakes. illus. (Engineering. London, 1911. v. 92, p. 62–64.) **VDA**

Also supplement, July 14, 1911.

885. **Kleine** Kreuzer und ihre Verwendung. (Austria. — Marine-Technische Komitee. Mitteilungen aus dem Gebiete des Seewesens. Pola, 1911. Jahrg. 39, p. 1115–1127.) **VXA**

886. —— (France. — Ministère de la Marine. Revue maritime. Paris, 1912. tome 192, p. 447–461.) **VXA**

887. **Kondo,** Motoki. Progress of naval construction in Japan. illus. (Engineering. London, 1911. v. 92, p. 15–18.) **VDA**

888. **La Bolina,** Jack, pseud. Nuevo tipo de acorazado de linea. (Centro naval, Buenos Aires. Boletín. Buenos Aires, 1911. tomo 29, p. 885–894.) **VXA**

889. **Launch** of cruiser-battleship New Zealand. illus. (Engineer. London, 1911. v. 112, p. 241–242.) **VA**

890. **Launch** of H. M. S. Yarmouth. illus. (Engineer. London, 1911. v. 111, p. 414.) **VA**

891. **Launch** of the Titanic. (Engineer. London, 1911. v. 111, p. 567, 575.) **VA**

892. **Lienau,** Otto. Die Entwicklung und die Zukunft des Massentransportes von Kohle und Erz über See. illus. (Stahl und Eisen. Düsseldorf, 1911. Jahrg. 31, p. 1077–1085.) **VIA**

893. **Martin,** K. G. The largest naval collier in the world [U. S. S. Cyclops]. illus. (International marine engineering. New York, 1911. v. 16, p. 495–498.) † **VXA**

894. **Montgomerie,** James. The arrangement and construction of oil vessels. illus. (Cassier's magazine. New York, 1911. v. 40, p. 737–752.) **VDA**

895. **New** cross-channel steamers for the Southeastern and Chatham Railway. illus. (Engineer. London, 1911. v. 112, p. 520–521.) **VA**

896. **New** Cunard liner "Franconia." illus. (Engineering. London, 1911. v. 91, p. 246–248.) **VDA**

Also supplement, Feb. 24, 1911.

897. **New** French dreadnaught drydocks. illus. (Engineer. London, 1911. v. 111, p. 7–8.) **VA**

898. **New** Italian dreadnought Conte di Cavour. illus. (Engineer. London, 1911. v. 112, p. 152.) **VA**

899. The **New** White Star liner "Olympic." illus. (Scientific American. New York, 1911. v. 105, p. 8–9.) **VA**

900. Los **Nuevos** destroyers argentinos. (Centro naval, Buenos Aires. Boletín. Buenos Aires, 1911. tomo 29, p. 637–647.) **VXA**

901. An **Ocean-going** oil engine ship. illus. (Engineer. London, 1911. v. 111, p. 10–12, 33–35.) **VA**

902. The **Olympic** and Titanic. illus. (Engineer. London, 1911. v. 111, p. 209–215.) **VA**

Also illustrated supplement, March 3, 1911.

903. The **"Olympic"** and the "Titanic." illus. (Scientific American supplement. New York, 1911. v. 71, p. 380–383.) **VA**

904. **Owen,** H. Ship economics; providing practical aids for shipmasters in regard to repairs, maintenance, surveys, and construction... London: G. Phillip & Son, 1911. xi, 137 p. illus. 8°. **VXHB**

905. **P. and O.** steamer Medina. illus. (Engineer. London, 1911. v. 112, p. 326.) **VA**

906. **Passenger** accommodation of the White Star liner "Olympic." illus. (Engineering. London, 1911. v. 91, p. 789, 792.) **VDA**

907. **Quatre** nouveaux types de Dreadnoughts. (France. — Ministère de la Marine. Revue maritime. Paris, 1911. tome 189, p. 97–108.) **VXA**

908. **Schaffran,** Karl. Flachgehender Fracht- und Passagier-Seitenraddampfer für die Fahrt Tjumen-Tobolsk. illus. (Schiffbau. Berlin, 1911. Jahrg. 13, p. 208–213.) † **VXA**

909. **Spanish** gunboat "Recalde." illus. (Engineering. London, 1911. v. 92, p. 288.) **VDA**

Also supplement, Sept. 1, 1911.

910. A **Tank** steamer for the molasses trade. illus. (International marine engineering. New York, 1911. v. 16, p. 20–25.) † **VXA**

911. **Turbine-driven** steamer "Newhaven." illus. (Engineering. London, 1911. v. 92, p. 642.) **VDA**

Also supplement, Nov. 10, 1911.

912. **Twin-screw** refrigerated meat steamer. illus. (Engineer. London, 1911. v. 112, p. 618–619.) **VA**

Iron and Steel Ships, continued.

1911, continued.

913. Verth, M. zur. Das Lazarettschiff. (Germany. — Marine Amt. Marine Rundschau. Berlin, 1911. Jahrg. 22, p. 868–883.) **VXA**

914. The **White Star** liner "Olympic." illus. (Engineering magazine. New York, 1911. v. 41, p. 649–657.) **VDA**

915. The **White Star** liner "Titanic." illus. (Engineering. London, 1911. v. 91, p. 678–681.) **VDA**

Also supplement, May 26, 1911.

916. White Star liners Olympic and Titanic. illus. (Engineer. London, 1911. v. 110, p. 38, 40, 196.) **VA**

917. White Star liners "Olympic" and "Titanic." illus. (Marine engineer and naval architect. London, 1911. v. 33, p. 416–417, 440–450.) **VXA**

918. The **World's** greatest ship — the "Olympic." illus. (Scientific American supplement. New York, 1911. v. 71, p. 72–73.) **VA**

919. The **World's** largest bulk freighter. illus. (Marine review. New York, 1911. v. 41, p. 408–413.) **VXA**

920. The **World's** largest steamship [Olympic]. illus. (Marine review. New York, 1911. v. 41, p. 245–259.) **VXA**

1912

921. Attilio, Dagnino. The first Italian dreadnought Dante Alighieri. illus. (International marine engineering. New York, 1912. v. 17, p. 481–488.) † **VXA**

922. Attwood, Edward Lewis. War-ships. A text-book on the construction, protection, stability, turning, etc., of war vessels. London: Longmans, Green & Co., 1912. 342 p. illus. 5. ed. 8°. **VXR**

923. Battleships of the new "Kaiser" class. illus. (Engineer. London, 1912. v. 113, p. 316–318.) **VA**

924. Borckenhagen. Évolution des types récents de navires de guerre. (France. — Ministère de la Marine. Revue maritime. Paris, 1912. tome 194, p. 497–511; tome 195, p. 169–185.) **VXA**

925. Bureau Veritas. Règlement pour la construction et la classification des navires en acier. Année 1912. Paris [1912]. xxi, 315 p. 4°. **VXH**

926. City of Detroit III; world's largest side wheel steamer. illus. (International marine engineering. New York, 1912. v. 17, p. 389–396.) † **VXA**

927. Coleman, C. F. New battle cruisers — launch of the Kongo. illus. (International marine engineering. New York, 1912. v. 17, p. 313–317.) † **VXA**

928. —— Self-discharging collier. illus. (Marine review. New York, 1912. v. 42, p. 393–399.) **VXC**

929. Cross-channel passenger steamer Greenore. illus. (Engineer. London, 1912. v. 114, p. 234.) **VA**

930. Cunard liner Aquitania. illus. (Engineer. London, 1912. v. 113, p. 573.) **VA**

Also supplement, May 31, 1912.

931. Cunard liner Laconia. illus. (Engineer. London, 1912. v. 113, p. 85–87.) **VA**

Also supplement, Jan. 26, 1912.

932. Curr, Robert. Isherwood system of construction. illus. (Marine review. New York, 1912. v. 42, p. 291–292, 350–351, 388–389, 403–404; v. 43, p. 29–30, 72–73, 86–87, 149, 186–188, 207–209, 250, 340–341; v. 44, p. 310–311, 340–341, 379–380, 420–421, 462–463; v. 45, p. 17–19, 71, 126, 165–166, 202–204, 259–261, 301–302, 331–332.) † **VXA**

933. Danish torpedo-boat "Soridderen." illus. (Engineering. London, 1912. v. 93, p. 118.) **VDA**

Also supplement, Jan. 26, 1912.

934. Donnelly, W. T., and G. A. Orrok. An electrically propelled fireproof passenger steamer. 12 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1912. v. 20, p. 169–200.) **VXA**

935. First Clyde-built motorship, Jutlandia. illus. (Engineer. London, 1912. v. 113, p. 525, 539.) **VA**

936. Foerster, E. Der Doppelschraubendampfer "Cap Finisterre." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1912. Bd. 56, p. 1341–1349, 1396–1401.) **VDA**

937. Die **Franzoesischen** Schlachtschiffe "Jean Bart" und "Courbet." (Austria. — Marine-Technische Komitee. Mitteilungen aus dem Gebiete des Seewesens. Pola, 1912. Jahrg. 40, p. 64–70.) **VXA**

938. French destroyers Daque and Cimeterre. illus. (Engineer. London, 1912. v. 114, p. 181.) **VA**

939. French liner France. illus. (Engineer. London, 1912. v. 113, p. 442.) **VA**

940. French trans-Atlantic liner "Rochambeau." illus. (Engineering. London, 1912. v. 94, p. 704–705, 712, 742.) **VDA**

Also supplement, Nov. 22 and Nov. 29, 1912.

941. Geynet, G. Le contre-torpilleur. Ce qu'il est et ce qu'il devrait être d'après les enseignements de la guerre russo-japonaise. (France. — Ministère de la Marine. Revue maritime. Paris, 1912. tome 192, p. 312–355; tome 193, p. 382–402, 752–765; tome 194, p. 48–65, 315–336.) **VXA**

Iron and Steel Ships, continued.

1912, continued.

942. **Graemer,** L. Das neue Feuerschiff für die erste Station der Elbe. 3 pl. illus. (Schiffbau. Berlin, 1912. Jahrg. 13, p. 715–722, 764–770.) † **VXA**

943. **Greek** torpedo-boat destroyers. (Engineering. London, 1912. v. 94, p. 642, 644.) **VDA**

Also supplement, Nov. 8, 1912.

944. **Gregory,** H. B. Battleship Florida. illus. (International marine engineering. New York, 1912. v. 17, p. 191–198.) † **VXA**

945. —— United States battleships Wyoming and Arkansas. illus. (International marine engineering. New York, 1912. v. 17, p. 397–404.) † **VXA**

946. **H. M.** battle-cruiser "Lion." illus. (Engineering. London, 1912. v. 93, p. 4–6.) **VDA**

Also supplement, Jan. 5, 1912.

947. The **Hamburg-American** company's new 50,000 ton liner [Imperator]. illus. (International marine engineering. New York, 1912. v. 17, p. 301–304.) † **VXA**

948. **Hamburg-Amerika** passenger and freight steamer "Imperator." (Engineering. London, 1912. v. 93, p. 699.) **VDA**

949. **Heesch,** Otto. Seitenradschleppdampfer "Hugo Marcus" und "Hapsburg." illus. (Schiffbau. Berlin, 1912. Jahrg. 14, p. 8–16.) † **VXA**

950. **Imperial** German cruiser Goeben. illus. (Engineer. London, 1912. v. 114, p. 249–250.) **VA**

951. **Japanese** battle-cruiser Kongo. illus. (Engineer. London, 1912. v. 113, p. 540.) **VA**

952. **Japanese** battle-cruiser "Kongo." (Engineering. London, 1912. v. 93, p. 655–657, 664, 705–706.) **VDA**

Also supplement, May 17, 1912.

953. **Laas,** Walter. Die Schiffe und ihre Maschinenanlagen. illus. (In: Die Technik im zwanzigsten Jahrhundert. Braunschweig, 1912. Bd. 4, p. 59–113.) **VBA**

954. The **Largest** ship yet constructed. The launch of the 65,000 ton liner "Imperator." illus. (Scientific American. New York, 1912. v. 107, p. 5–6.) **VA**

955. **Latest** dreadnoughts for South American republics. illus. (International marine engineering. New York, 1912. v. 17, p. 20–24.) † **VXA**

956. **Launch** of the Titanic. illus. (International marine engineering. New York, 1912. v. 16, p. 281–283.) † **VXA**

957. **Lienau,** Otto. Fortschritte in den britischen Schiffbaubetrieben. (Schiffbau. Berlin, 1912. Jahrg. 14, p. 1–8, 43–48.) † **VXA**

958. **MacIlwaine,** G. S. The corrugated ship. illus. (Royal United Service Institution. Journal. London, 1912. v. 56, p. 1515–1534.) **VWA**

959. **Motorship** Eavestone. illus. (Engineer. London, 1912. v. 114, p. 433–437.) **VA**

960. **Naval** collier Orion. illus. (Marine review. New York, 1912. v. 42, p. 327–329.) **VXA**

961. The **New** Buffalo steamer "See-and-Bee." illus. (Marine review. New York, 1912. v. 42, p. 366–379.) **VXA**

962. **New** French line steamship France. illus. (International marine engineering. New York, 1912. v. 17, p. 238–241.) † **VXA**

963. **New** tank steamer for the Gulf Refining Company. illus. (International marine engineering. New York, 1912. v. 17, p. 109–112.) † **VXA**

964. **Our** latest battleships, the "Nevada" and "Oklahoma." illus. (Scientific American. New York, 1912. v. 106, p. 212, 225.) **VA**

965. Der **Petroleumtransport** zur See und die neueste Entwicklung der Tankschiffe. (Schiffbau. Berlin, 1912. Jahrg. 14, p. 168–171, 207–212, 241–243, 331–335.) † **VXA**

966. **Popp,** M. Entwurf eines Sauge-Hopper-Baggers nach dem System Frühling. 8 pl. illus. (Schiffbau. Berlin, 1912. Jahrg. 13, p. 587–591.) † **VXA**

967. **Rougé,** J. Constructions navales coque. Paris: O. Doin & fils, 1912. xi p., 2 l., 303, xii p. illus. 12°. (Encyclopédie scientifique. Bibliothèque de mécanique appliquée et génie.) **VXR**

968. **Sea-going** gas-driven cargo vessels. illus. (Engineer. London, 1912. v. 113, p. 176–178.) **VA**

969. **Shallow** draught steamer Comte de Flandre. illus. (Engineer. London, 1912, v. 114, p. 684–685.) **VA**

970. **Side** wheel steamer City of Detroit III. illus. (Marine review. New York, 1912. v. 42, p. 213–221.) † **VXA**

971. **Stern** frame and brackets of the Cunard liner Aquitania. illus. (Engineer. London, 1912. v. 113, p. 468–469.) **VA**

972. **Stranraer** and Larne turbine steamer "Princess Victoria." illus. (Engineering. London, 1912. v. 94, p. 422, 428.) **VDA**

Also supplement, Sept. 27, 1912.

Iron and Steel Ships, continued.

1912, continued.

973. Talbot, Frederick Arthur Ambrose. Steamship conquest of the world. Philadelphia: J. B. Lippincott Co. [1912.] xii, 344 p., 48 pl. 8°. **VXH**

974. Three submarine tenders. illus. (Engineer. London, 1912. v. 113, p. 459.) **VA**

975. Transporter ship "Kanguroo" for submersible boats. illus. (Engineering. London, 1912. v. 94, p. 86–88, 90.) **VDA**

976. Twin screw motor ship Selandia. illus. (Engineer. London, 1912. v. 113, p. 247–248, 269–271, 292–293.) **VA**

977. United States. — Construction and Repair Bureau. Instructions for riveting naval vessels... Edition of 1912. Washington: Gov. Prtg. Off., 1912. 23 p. 12°. **VXH**

978. United States collier Jupiter. illus. (Marine review. New York, 1912. v. 42, p. 300–303.) **VXA**

979. United States collier Neptune. illus. (Engineer. London, 1912. v. 113, p. 488.) **VA**

980. Vessel for transporting submarines. illus. (Engineer. London, 1912. v. 113, p. 594.) **VA**

981. Walker, John Bernard. The "unsinkable" ship. illus. (Scientific American. New York, 1912. v. 106, p. 417–418.) **VA**

982. —— An unsinkable Titanic; every ship its own lifeboat. New York: Dodd, Mead & Co., 1912. 3 p.l., v–xi, 185 p., 1 pl. illus. 12°. **VXHD**

983. White, Sir William Henry. Die Änderungen in den Kriegschiffskonstruktionen der letzten Jahre. (Germany. — Marine Amt. Marine Rundschau. Berlin, 1912. Jahrg. 23, p. 1192–1203.) **VXA**

984. —— Recent changes in warship design. (Naval annual. London, 1912. p. 124–145.) **VXA**

985. World's largest bulk freighters built on the Great Lakes. illus. (International marine engineering. New York, 1912. v. 17, p. 345–352.) † **VXA**

986. Zueblin. Die Torpedokreuzer "Catamarca" und "Jujuy" der argentinischen Marine. 2 pl. illus. (Schiffbau. Berlin, 1912. Jahrg. 13, p. 669–673, 723–728.) † **VXA**

1913

987. Allan liner "Alsatian." illus. (Engineering. London, 1913. v. 96, p. 853–857, 858.) **VDA**

Also supplement, Dec. 26, 1913.

988. The **"Aquitania."** illus. (Scientific American supplement. New York, 1913. v. 75, p. 264–266.) **VA**

989. Attwood, Edward Lewis. The modern warship. Cambridge: University Press, 1913. vii, 146 p. 12°. **VXR**

990. Ballard, Maxwell. Some notes on the arch principle of ship construction. 7 pl. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. Newcastle-upon-Tyne, 1913. v. 29, p. 85–141.) **VXA**

991. Behn. Bagger und Baggergeräte für die kaiserliche Hafenbauabteilung Helgoland. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1913. Bd. 57, p. 1849–1856.) **VDA**

992. Das **Brasilianische** Schlachtschiff "Rio de Janeiro." illus. (Austria. — Marine-Technische Komitee. Mitteilungen aus dem Gebiete des Seewesens. Pola, 1913. Jahrg. 41, p. 318–325.) **VXA**

992a. Brazilian battleship "Rio de Janeiro." illus. (Engineering. London, 1913. v. 95, p. 114–118, 124.) **VDA**

Also supplement, Jan. 24, 1913.

993. Burgoyne, Alan Hughes. Recent developments in battleship type. (Institution of Naval Architects. Transactions. London, 1913. v. 55, part 1, p. 1–19.) **VXA**

994. —— —— (Engineering. London, 1913. v. 95, p. 350–356.) **VDA**

995. Cargo ship "France." illus. (Engineering. London, 1913. v. 96, p. 488–489, 491–494.) **VDA**

996. Casimir-Perier, Claude. Brest-Transatlantique. (Société de géographie commerciale de Paris. Bulletin mensuel. Paris, 1913. tome 35, p. 86–112.) **TLA**

997. Channel steamer "Paris." illus. (Engineering. London, 1913. v. 96, p. 749–754.) **VDA**

Also supplement, Dec. 5, 1913.

998. Chilian torpedo-boat destroyer "Almirante Lynch." (Engineering. London, 1913. v. 96, p. 352–353, 358, 392, 394.) **VDA**

Also supplement, Sept. 12, 1913.

999. Chinese training cruiser "Chao Ho." illus. (Engineering. London, 1913. v. 95, p. 424–426.) **VDA**

1000. The **Clyde** line coastwise steamship Lenape. illus. (International marine engineering. New York, 1913. v. 18, p. 139–144.) † **VXA**

Iron and Steel Ships, continued.

1913, continued.

1001. Coleman, F. C. Five-masted auxiliary sailing ship France. illus. (International marine engineering. New York, 1913. v. 18, p. 505–510.) † VXA

1002. —— Oil tanker San Fraterno. illus. (Marine review. New York, 1913. v. 43, p. 191–194.) † VXA

1003. Cook, G. C. The evolution of the lightship. 12 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 21, p. 97–118.) VXA

1003a. —— —— [New York, 1913.] 98–118 p., 10 diagrs., 2 pl. 4°. VXF

1004. Les **Croiseurs-torpilleurs** "Catamarca" et "Jujuy." (France. — Ministère de la Marine. Revue maritime. Paris, 1913. tome 198, p. 122–135.) VXA

1005. Cunard Canadian liner "Andania." illus. (Engineering. London, 1913. v. 96, p. 233.) VDA

1006. Dal-Piaz. Le paquebot transatlantique moderne. illus. (Société industrielle du nord de la France. Bulletin mensuel. Lille, 1913. année 41, p. 66–91.) VA

1007. Deutscher Schiffbau, 1913... Berlin: Verlag Carl Marfels, 1913. 344 p. illus. 4°. VXH

1008. Diesel oil tank ship Hagen. illus. (Engineer. London, 1913. v. 115, p. 304–305.) VA

1009. Donnelly, W. T. An electrically propelled fire-proof passenger steamer. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 20, p. 169–200.) VXA

1010. Elbe estuary motor lightship. illus. (Marine engineer and naval architect. London, 1913. v. 36, p. 6–9.) VXA

1011. Fletcher, R. A. Travelling palaces; luxury in passenger steamships. London: Sir I. Pitman and Sons [1913]. xvi, 310 p., 2 plans, 52 pl. 8°. VXHD

1012. French Atlantic liner Lutetia. illus. (Engineer. London, 1913. v. 115, p. 496, 506.) VA

1013. French battleships Provence and Bretagne. (Engineer. London, 1913. v. 115, p. 558.) VA

1014. French destroyer Commandant Rivière. illus. (Engineer. London, 1913. v. 116, p. 178–179.) VA

1015. French destroyer Magon. illus. (Engineer. London, 1913. v. 115, p. 658, 663–664.) VA

1016. French destroyers Fourche and Faulx. illus. (Engineer. London, 1913. v. 115, p. 144–146, 148.) VA

1017. French dreadnought Jean Bart. illus. (Engineer. London, 1913. v. 115, p. 676–677.) VA

1018. French dreadnoughts Paris and France. illus. (Engineer. London, 1913. v. 115, p. 31–32.) VA

1019. French mine layers Cerbère and Pluton. (Engineer. London, 1913. v. 116, p. 515, 516.) VA

1020. A **Geared** turbine cargo steamer. illus. (Engineer. London, 1913. v. 115, p. 243–245.) VA

1021. German battleships of the Kaiser class. illus. (Engineer. London, 1913. v. 115, p. 410–411.) VA

1022. The **Giant** Imperator. illus. (Marine review. New York, 1913. v. 43, p. 268–271.) † VXA

1023. Great Lakes steamers for coastwise service. illus. (International marine engineering. New York, 1913. v. 18, p. 47–52.) † VXA

1024. Greek torpedo-boat destroyers of the "Lion" class. illus. (Engineer. London, 1913. v. 116, p. 59–60.) VA

Also supplement, July 18, 1913.

1025. Gregory, H. B. U. S. fleet colliers Proteus and Nereus. illus. (American Society of Naval Engineers. Journal. Washington, 1913. v. 25, p. 613–636.) VXA

1026. H. M. battleship Iron Duke. illus. (Engineer. London, 1913. v. 116, p. 550.) VA

1027. H. M. dreadnought Queen Elizabeth. illus. (Engineer. London, 1913. v. 116, p. 450.) VA

1028. H. M. S. Benbow. illus. (Engineering. London, 1913. v. 96, p. 660–661.) VDA

1029. H. M. torpedo-boat destroyers "Shark," "Sparrowhawk" and "Spitfire." illus. (Engineering. London, 1913. v. 95, p. 775–776, 778.) VDA

1030. Hamburg-Amerika liner Imperator. (Engineer. London, 1913. v. 115, p. 649–650.) VA

1031. Hamburg-Amerika liner "Imperator." illus. (Engineering. London, 1913. v. 95, p. 827–831.) VDA

Also supplement, June 20, 1913.

1032. Hudson river steamer Washington Irving. illus. (International marine engineering. New York, 1913. v. 18, p. 275–278.) † VXA

1033. Isle of Man geared-turbine steamer "King Orry." illus. (Engineering. London, 1913. v. 95, p. 871–874, 876.) VDA

Also supplement, June 27, 1913.

Iron and Steel Ships, continued.

1913, continued.

1034. **Japanese** battle-cruiser "Kongo." illus. (Engineering. London, 1913. v. 95, p. 709–711.) **VDA**

1035. The **Japanese** battle-cruiser "Kongo." illus. (Scientific American. New York, 1913. v. 109, p. 128–129.) **VA**

1036. **King,** J. F. On large deck houses. (Institution of Naval Architects. Transactions. London, 1913. v. 55, part 1, p. 148–161.) **VXA**

1037. —— —— (Engineering. London, 1913. v. 95, p. 437–438.) **VDA**

1038. **Launch** of the Andrea Doria. illus. (Engineer. London, 1913. v. 115, p. 383–384.) **VA**

1039. **Launch** of the Aquitania. illus. (Engineer. London, 1913. v. 115, p. 446–447.) **VA**

1040. **Launch** of the latest giant steamship. illus. (Scientific American supplement. New York, 1913. v. 75, p. 232–233.) **VA**

1041. **Lengthening** the Aberdeen liners Marathon and Miltiades. illus. (Engineer. London, 1913. v. 115, p. 72–73.) **VA**

1042. **Lienau,** Otto. Materialspannungen in den Längsverbänden stählerner Handelsschiffe. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1913. 4°. Bd. 14, p. 603–645.) †**VXA**

1043. **MacIlwaine,** G. S. Corrugated ships. illus. (Engineering magazine. New York, 1913. v. 44, p. 938–940.) **VDA**

1044. **Mersey** bar lightship Alarm. illus. (Engineer. London, 1913. v. 116, p. 72–74.) **VA**

1045. **Montgomerie,** James. The design and construction of oil steamers. (Institution of Engineers and Shipbuilders in Scotland. Transactions. Glasgow, 1913. v. 56, p. 241–291.) **VDA**

1046. —— —— (Engineering. London, 1913. v. 95, p. 306–309, 337–340.) **VDA**

1047. —— —— (Marine review. New York, 1913. v. 43, p. 126–130, 164–170.) †**VXA**

1048. Das **Motor-Tankschiff** "Hagen" erbaut von der Fried. Krupp A.-G. Germaniawerft. 6 pl. illus. (Schiffbau. Berlin, 1913. Jahrg. 14, p. 407–413, 466–469.) †**VXA**

1049. **New** Cunard liner "Aquitania." (Engineering. London, 1913. v. 95, p. 515–523, 562–564, 570.) **VDA**

Also supplements, April 18 and April 25, 1913.

1050. **New** Hamburg-American liner [Imperator]. (Marine review. New York, 1913. v. 43, p. 245–248.) †**VXA**

1051. **New** Pacific coastwise steamship Congress. illus. (International marine engineering. New York, 1913. v. 18, p. 283–286.) †**VXA**

1052. **New** Spanish battleships. illus. (Engineering. London, 1913. v. 96, p. 175–178, 192.) **VDA**

Also supplement, Aug. 8, 1913.

1053. **Old Dominion** line's freight steamer Tyler. illus. (International marine engineering. New York, 1913. v. 18, p. 369–374.) †**VXA**

1054. **Ore-carrying** steamer Norrbotten. illus. (Engineer. London, 1913. v. 115, p. 368.) **VA**

1055. **Quadruple-screw** steamers "Oosterdyk" and "Westerdyk." illus. (Engineering. London, 1913. v. 96, p. 286–287.) **VDA**

Also supplement, Aug. 29, 1913.

1056. **Quadruple-screw** turbine Allan liner "Alsatian." illus. (Engineering. London, 1913. v. 95, p. 451–455, 456–457.) **VDA**

Also supplement, April 4, 1913.

1057. The **Quadruple** turbine liner "Imperator." illus. (Marine engineer and naval architect. London, 1913. v. 35, p. 463–469.) **VXA**

1058. **Recent** warships for the French Admiralty. illus. (International marine engineering. New York, 1913. v. 18, p. 93–97.) †**VXA**

1059. **Redwood,** Sir Boverton. Tank steamers. (In his: Petroleum. London: C. Griffin & Co., 1913. v. 3, p. 140–159.) **VHY**

1060. **Robinson,** S. M. Description of the U. S. fleet collier Jupiter. illus. (American Society of Naval Engineers. Journal. Washington, 1913. v. 25, p. 523–562.) **VXA**

1061. **Royal Holland Lloyd** steamship Gelria. illus. (Engineer. London, 1913. v. 116, p. 447–448.) **VA**

1062. **Side-wheel** passenger steamer See and Bee. illus. (International marine engineering. New York, 1913. v. 18, p. 252–258.) †**VXA**

1063. **Side-wheeler** Washington Irving. illus. (Marine review. New York, 1913. v. 43, p. 221–223.) †**VXA**

1064. **Single** screw molasses tank steamer Amolco. illus. (International marine engineering. New York, 1913. v. 18, p. 378–382.) †**VXA**

Iron and Steel Ships, continued.

1913, continued.

1065. **Smith,** S. F. Change of shape of recent colliers. 6 pl. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 21, p. 145–153.) **VXA**

1066. **Some** modern systems of ship construction. illus. (Marine engineer and naval architect. London, 1913. v. 35, p. 197–203.) **VXA**

1067. **Spanish** quadruple-screw liner "Reina Victoria-Eugenia." illus. (Engineering. London, 1913. v. 95, p. 322–324, 326, 386–387.) **VDA**

Also supplements, March 7 and March 21, 1913.

1068. **Spanish** trans-Atlantic liner "Infanta Isabel de Borbon." illus. (Engineering. London, 1913. v. 95, p. 599–602, 604.) **VDA**

Also supplement, May 2, 1913.

1069. **Talbot,** Frederick Arthur Ambrose. Lightships and lighthouses. London: W. Heinemann, 1913. xii, 325 p., 50 pl. 8°. (Conquests of science.) **VDO**

1070. Das **Tankschiff** "Hagen." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1913. Bd. 57, p. 521–527.) **VDA**

1071. **Trials** of the France. illus. (Engineer. London, 1913. v. 116, p. 669–672.) **VA**

1072. Der **Turbinenschnelldampfer** "Imperator." illus. (Schiffbau. Berlin, 1913. Jahrg. 14, p. 759–765.) † **VXA**

1073. —— 7 pl. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1913. Bd. 57, p. 966–967.) **VDA**

1074. **Typical** ships. illus. (Engineer. London, 1913. v. 115, p. 84–85, 115–116; v. 116, p. 390–393, 486–488, 494; v. 117, p. 366–370, 376; v. 118, p. 229–232, 359–362, 573–575, 584.) **VA**

1075. **Walker,** J. B. Atlantic steamships —a retrospect. illus. (Scientific American. New York, 1913. v. 109, p. 472–473, 481.) **VA**

1076. **Wilson,** R. C. Construction and operation of western river steamers. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1913. v. 21, p. 59–65.) **VXA**

1914

1077. **Battles,** D. R. U. S. submarine tender "Fulton." (American Society of Marine Draftsmen. Journal. Washington, 1914. v. 1, p. 99–101.) † **VXA**

1078. **Biles,** Sir John Harvard. On the protection of battleships against submarine attack. (Engineering. London, 1914. v. 98, p. 65–67.) **VDA**

1079. The **Britannic** waterborne. illus. (Marine review. New York, 1914. v. 44, p. 135–139.) † **VXA**

1080. **Bureau Veritas.** Règlement pour la construction et la classification des navires en acier. Année 1914. Paris [1914]. xxi, 317 p. 4°. **VXH**

1081. —— Rules and regulations for the building and classification of steel vessels. Year 1914. Paris [1914]. xxi, 292 p., 1 l. 4°. **VXH**

1082. **Burgoyne,** Alan Hughes. Die neueste Entwickelung des Schlachtschifftyps. (Austria. — Marine-Technische Komitee. Mitteilungen aus dem Gebiete des Seewesens. Pola, 1914. Jahrg. 41, p. 818–830.) **VXA**

1083. **Canadian** customs cruiser. illus. (Engineering. London, 1914. v. 98, p. 245–247, 302–303.) **VDA**

Also supplements, Aug. 21 and Sept. 4, 1914.

1084. **Coal-handling** plant on the United States fleet collier "Jupiter." illus. (Engineering. London, 1914. v. 98, p. 503–506, 508.) **VDA**

Also supplement, Oct. 23, 1914.

1085. **Cunard** Canadian liner "Andania." illus. (Engineering. London, 1914. v. 96, p. 233.) **VDA**

1086. The **Cunard** Company's liner "Aquitania." illus. (Marine engineer and naval architect. London, 1914. v. 36, p. 462–474; v. 37, p. 11–18.) **VXA**

1087. **Cunard** liner Aquitania. illus. (Engineer. London, 1914. v. 117, p. 587–590, 622.) **VA**

1088. **Cunard** liner Aquitania. illus. (Marine review. New York, 1914. v. 44, p. 247–258.) † **VXA**

1089. **Dickie,** G. W. The unsinkable ship. (Engineering magazine. New York, 1914. v. 47, p. 107–110.) **VDA**

1090. **Fea,** Leonardo. El buque de combate. (Revista general de marina. Madrid, 1914. tomo 75, p. 651–691.) **VXA**

1091. **Fowler,** Charles Evans. Practical treatise on subaqueous foundations... New York: John Wiley & Sons, 1914. xliii, 814 p. 3. ed. 8°. **VEF**

Contains chapters on sea-going dredges.

1092. **French** destroyers Bisson and Renaudin. illus. (Engineer. London, 1914. v. 117, p. 615–616.) **VA**

Iron and Steel Ships, continued.
1914, continued.

1093. **French** quadruple-screw liner "Lutetia." illus. (Engineering. London, 1914. v. 98, p. 418, 426–427, 470–471.) **VDA**
Also supplements, Oct. 2 and Oct. 16, 1914.

1094. A **Geared** turbine Atlantic liner. illus. (Engineer. London, 1914. v. 118, p. 433, 435.) **VA**

1095. **Geynet,** G. O destroyer. (Revista maritima brazileira. Rio de Janeiro, 1914. v. 64, p. 1769–1902.) **VXA**

1096. **Gracy,** J. W. The new Mersey bar lightship. illus. (Liverpool Engineering Society. Transactions. Liverpool, 1914. v. 35, p. 231–264.) **VDA**

1097. **"Great Northern"** and "Northern Pacific." illus. (Pacific marine review. San Francisco, 1914. v. 11, no. 8, p. 22–25.) † **TRA**

1098. **Hamburg-America** liner Vaterland. illus. (Engineer. London, 1914. v. 117, p. 572–573.) **VA**

1099. **Hamburg-Amerika** liner "Imperator." illus. (Engineering. London, 1914. v. 97, p. 797–802, 812.) **VDA**

1100. **Hamburg-Amerika** liner "Vaterland." illus. (Engineering. London, 1914. v. 97, p. 712–713.) **VDA**

1101. **Kluge,** C. Die neue amerikanische Dampfjacht "Cyprus." illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1914. Bd. 58, p. 746–750.) **VDA**

1102. **Kondo,** Motoki. Recent Japanese warships. illus. (Engineering. London, 1914. v. 97, p. 430–433.) **VDA**

1103. **Largest** oil tankers in the United States. illus. (International marine engineering. New York, 1914. v. 19, p. 181–184.) † **VXA**

1104. The **Latest** United States battleship [Texas]. illus. (International marine engineering. New York, 1914. v. 19, p. 1–4.) † **VXA**

1105. **Lloyd's Register of Shipping.** Rules & regulations for the construction and classification of steel vessels. From 1st July, 1914, to the 30th June, 1915. London, 1914. xxx, 258 p. 4°. **VXA**

1106. **Modern** German warship design. (Engineer. London, 1914. v. 117, p. 227–228.) **VA**
Also supplement, February 27, 1914.

1107. **Morrell,** Robert W. Tank ship construction. illus. (International marine engineering. New York, 1914. v. 19, p. 532–534; v. 20, p. 26–29, 71–73.) † **VXA**

1108. The **New** Cunard express liner "Aquitania." illus. (American marine engineer. New York, 1914. v. 9, no. 7, p. 7–11.) † **VXA**

1109. The **New** Cunard express liner Aquitania. illus. (International marine engineering. New York, 1914. v. 19, p. 277–283.) † **VXA**

1110. **New** Cunard liner "Aquitania." illus. (Engineering. London, 1914. v. 97, p. 619–624, 655–659, 672, 676–679, 693–701, 727–743.) **VDA**
Also supplement, May 22, 1914.

1111. The **New** Cunarder "Aquitania." illus. (Scientific American. New York, 1914. v. 110, p. 461–462.) **VA**

1112. **New** freighters for the Panama canal trade. illus. (International marine engineering. New York, 1914. v. 19, p. 368–373.) † **VXA**

1113. **New** Great Lakes steamship South American. (International marine engineering. New York, 1914. v. 19, p. 135–140.) † **VXA**

1114. **New** Mallory line freight ships. illus. (International marine engineering. New York, 1914. v. 19, p. 378–384.) † **VXA**

1115. **New** type of self-trimming collier. illus. (Engineer. London, 1914. v. 117, p. 626–627.) **VA**

1116. **New** vessels for the Allan line. illus. (Pacific marine review. San Francisco, 1914. v. 11, no. 5, p. 18–24.) † **TRA**

1117. The **New** White Star liner Britannic. (Nautical magazine. Glasgow, 1914. v. 91, p. 374–378.) **VXA**

1118. **Oil** carrier Sebastian. illus. (Marine review. New York, 1914. v. 44, p. 259–264.) † **VXA**

1119. **Oil** carrying steamers. illus. (Engineering. London, 1914. v. 98, p. 181–184.) **VDA**

1120. **Oil** tank steamer Frank H. Buck. illus. (International marine engineering. New York, 1914. v. 19, p. 202–205.) † **VXA**

1121. **Owens,** T. G. Linienschiffskonstruktionen. (Germany. — Marine Amt. Marine Rundschau. Berlin, 1914. Jahrg. 25, p. 779–789.) **VXA**

1122. —— Some questions relating to battleship design. (Institution of Naval Architects. Transactions. London, 1914. v. 56, p. 1–32.) **VXA**

1123. —— —— (Engineer. London, 1914. v. 117, p. 384–386, 410–412.) **VA**

1124. —— —— (Engineering. London, 1914. v. 97, p. 446–452.) **VDA**

Iron and Steel Ships, continued.

1914, continued.

1125. **Parkes,** Oscar. The super-dreadnought "Queen Elizabeth." illus. (Scientific American. New York, 1914. v. 110, p. 502–503.) **VA**

1126. **Pereira,** E. R. Evolução do navio dreadnought. (Revista maritima brazileira. Rio de Janeiro, 1914. v. 65, p. 51–88, 211–234, 419–470.) **VXA**

1127. **Perrett,** J. R. Some notes on warships designed and constructed by Sir W. G. Armstrong, Whitworth & Co., Ld. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. Newcastle-upon-Tyne, 1914. v. 30, p. 377–411.) **VXA**

1128. **Peskett,** L. Design of Atlantic liners. (Engineering. London, 1914. v. 97, p. 537–541.) **VDA**

1129. **Plummer,** H. C. The car ferry in freight and passenger service. illus. (Scientific American supplement. New York, 1914. v. 77, p. 88–90.) **VA**

1130. **Quadruple-screw** turbine-driven Cunard liner "Aquitania"... London: Engineering, 1914. viii, 80 p., 3 pl. 4°. **†† VXHD**

Reprinted from *Engineering.*

1131. **S. S.** Cap Trafalgar. illus. (Engineer. London, 1914. v. 117, p. 312–314.) **VA**

1132. **S. S.** Great Northern and Northern Pacific. illus. (International marine engineering. New York, 1914. v. 19, p. 535–545.) **† VXA**

1133. **Shipbuilding** and shipping record. [Articles and illustrations taken from the Shipbuilding and shipping record, 1913–14.] London, 1913–14. f°. **Desk – Tech. Div.**

1134. **Smith,** S. F. Change of shape of recent colliers. (International marine engineering. New York, 1914. v. 19, p. 53–55.) **† VXA**

1135. **Steamship** Vaterland. illus. (Marine review. New York, 1914. v. 44, p. 220–222.) **† VXA**

1136. **T.-S. SS.** "Ciudad de Buenos Aires" and "Ciudad de Monte Video." illus. (Engineering. London, 1914. v. 98, p. 745–747.) **VDA**

Also supplement, Dec. 5, 1914.

1137. **Thele,** W. Das hamburgische Baggerwesen. illus. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1914. Bd. 15, p. 286–393.) **† VXA**

1138. **Torpedo-boat** for the Spanish navy. illus. (Engineering. London, 1914. v. 97, p. 590–593.) **VDA**

1139. The **Unsinkable** ship. illus. (Scientific American. New York, 1914. v. 110, p. 86, 91.) **VA**

1140. **Wachtel,** L. Der Vierschrauben-Turbinen-Schnelldampfer "Imperator." 13 pl. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1914. Bd. 58, p. 993–1005, 1041–1048.) **VDA**

1141. The **White Star** liner "Britannic." illus. (American marine engineer. New York, 1914. v. 9, no. 5, p. 7–11.) **† VXA**

1142. **White Star** liner Britannic. illus. (Engineer. London, 1914. v. 117, p. 238, 240–241, 257–259.) **VA**

1143. **White Star** liner "Britannic." illus. (Engineering. London, 1914. v. 97, p. 273–283.) **VDA**

Also supplement, Feb. 27, 1914.

1144. The **White Star** triple-screw steamer "Britannic." illus. (Marine engineer and naval architect. London, 1914. v. 36, p. 301–304.) **VXA**

1145. The **World's** largest steamship [Vaterland]. illus. (Scientific American. New York, 1914. v. 110, p. 427–428.) **VA**

1915

1146. **Bahon,** Max. Tendencias actuales de la construcción naval. (Centro naval, Buenos Aires. Boletín. Buenos Aires, 1915. tomo 31, p. 403–444.) **VXA**

1147. **Barber,** G. H. Launching of the battleship Arizona. illus. (International marine engineering. New York, 1915. v. 20, p. 334–336.) **† VXA**

1148. **Barnett,** M. K. The new French battleship "Tourville." illus. (Scientific American. New York, 1915. v. 113, p. 45.) **VA**

1149. **Barringer,** Herbert. Evolution of the oil tankship. (Institution of Petroleum Technologists. Journal. London, 1915. v. 1, p. 280–324.) **VHY**

1150. —— —— (Petroleum world. London, 1915. v. 12, p. 301–305.) **† VHY**

1151. —— —— (Petroleum review. London, 1915. v. 32, p. 465–466, 495–496, 509, 526.) **† VHY**

1152. **Brown,** William. Introduction of a modern method in shipbuilding. (International marine engineering. New York, 1915. v. 20, p. 163–165.) **VXA**

1153. **Canadian** railway ferry-steamer "Scotia II." illus. (Engineering. London, 1915. v. 100, p. 438–440, 446, 512–513.) **VDA**

1154. **Coaling** United States warships. illus. (Scientific American supplement. New York, 1915. v. 79, p. 276–277.) **VA**

Iron and Steel Ships, continued.

1915, continued.

1155. **Coleman,** F. C. Cable-repairing steamer Transmitter. illus. (International marine engineering. New York, 1915. v. 20, p. 382–386.) †VXA

1156. —— French-built cable ship Édouard Jéramec. illus. (International marine engineering. New York, 1915. v. 20, p. 146–150.) †VXA

1157. —— New fruit carrying steamer van Hogendorp. illus. (International marine engineering. New York, 1915. v. 20, p. 67–71.) †VXA

1158. **Cook,** G. C. The United States lightvessels, nos. 101 and 102. 6 pl. (International Engineering Congress, San Francisco, 1915. Transactions. San Francisco, 1915. v. 10, p. 187–195.) VDA

1159. **Cunard** liner "Lusitania." (Engineering. London, 1915. v. 99, p. 537–538.) VDA

1160. **Cylindrical** tank oil-carrying steamer "Ricardo A. Mestres." illus. (Engineering. London, 1915. v. 99, p. 428–429.) VDA

1161. **Dobson,** W. A. Evolution of the battleship of the Dreadnaught type. (American Society of Marine Draftsmen. Journal. Washington, 1915. v. 1, p. 111–116.) †VXA

1162. **Hovgaard,** William. Structural design of warships. London: E. & F. N. Spon, 1915. xi, 383 p. illus. 8°. VXR

1163. **Knorr,** Paul. Fischdampfer und Hochseefischerei. illus. (Schiffbautechnische Gesellschaft. Jahrbuch. Berlin, 1915. Bd. 16, p. 233–402.) †VXA

1164. **Lake** passenger steamer Noronic. illus. (International marine engineering. New York, 1915. v. 20, p. 431–435.) †VXA

1165. **Montgomerie,** James. Light superstructures. (Marine review. New York, 1915. v. 45, p. 209–215.) †VXA

1166. —— The scantlings of light superstructures. (Institution of Naval Architects. Transactions. London, 1915. v. 57, p. 52–69.) VXA

1167. —— —— (Engineering. London, 1915. v. 99, p. 376–380.) VDA

1168. **Muers,** P. Oil ships with cylindrical tanks. illus. (Petroleum world. London, 1915. v. 12, p. 248–252.) †VHY

1169. **Olin,** E. W. Side wheel car ferry Contra Costa. illus. (International marine engineering. New York, 1915. v. 20, p. 387–394.) †VXA

1170. —— Southern Pacific ferry steamer Alameda. illus. (International marine engineering. New York, 1915. v. 20, p. 194–198.) †VXA

1171. **Owens,** T. G. Algumas questões com referencia ao desenho do navio encouraçado. 18 pl. (Revista maritima brazileira. Rio de Janeiro, 1915. v. 66, p. 1279–1317.) VXA

1172. **Panama** colliers "Ulysses" and "Achilles." (Shipbuilding and shipping record. London, 1915. v. 6, p. 271–274.) VXA

1173. **"Peking Maru."** (Shipbuilding and shipping record. London, 1915. v. 6, p. 48–50.) VXA

1174. **Portuguese** torpedo-boat destroyer Douro. illus. (Engineer. London, 1915. v. 119, p. 404, 406.) VA

1175. **Reid,** John. The influence of discharging appliances on the design of large ore carriers. (Institution of Naval Architects. Transactions. London, 1915. v. 57, p. 41–51.) VXA

1176. —— —— (Engineering. London, 1915. v. 99, p. 349–351, 354.) VA

1177. —— Large ore carriers. (Marine review. New York, 1915. v. 45, p. 197–201.) †VXA

1178. **Ruprecht,** F. K. Notes on the conversion of cargo vessels into bulk oil carriers. (International marine engineering. New York, 1915. v. 20, p. 165–166, 212–216, 258–259, 309–311, 340–343, 404–406.) †VXA

1179. **S. S.** "Roggeveen." illus. (Shipbuilding and shipping record. London, 1915. v. 6, p. 464–466.) VXA

1180. **Self-unloading** freight steamer Huron. illus. (International marine engineering. New York, 1915. v. 20, p. 52–58.) †VXA

1181. **U. S.** destroyer tender "Melville." illus. (Shipbuilding and shipping record. London, 1915. v. 6, p. 70–71.) VXA

1182. **Western Australian** government motor-ship "Kangaroo." illus. (Engineering. London, 1915. v. 100, p. 468–470, 565–568.) VDA

1183. **Willey,** D. A. Freight carrying on the Great Lakes. illus. (Scientific American supplement. New York, 1915. v. 79, p. 360–361.) VA

1184. **Wilson,** W. J. B. The remarkable failure of a consignment of steel ship plates. illus. (North-East Coast Institution of Engineers and Shipbuilders. Transactions. Newcastle-upon-Tyne, 1915. v. 31, p. 227–293.) VXA

Iron and Steel Ships, continued.

1916

1185. **Brazilian** submarine depot motorship "Ceara." illus. (Engineering. London, 1916. v. 101, p. 569, 613–616.) **VDA**
Also supplement, June 16, 1916.

1186. **Clyde** line steamers built on the Lakes. Description of Welland canal size ocean-going freighters. illus. (International marine engineering. New York, 1916. v. 21, p. 321–328.) † **VXA**

1187. **Cone,** E. F. Steel castings for American merchant and war vessels. illus. (International marine engineering. New York, 1916. v. 21, p. 336–338.) † **VXA**

1188. **Cook,** G. C. The United States light-vessels, nos. 101 and 102. illus. (International Engineering Congress, San Francisco, 1915. Transactions. San Francisco, 1916. v. 10, p. 187–195.) **VDA**

1189. **Dickie,** G. W. Special types of cargo steamers for the United States coast-to-coast trade through the Panama canal. (International Engineering Congress, San Francisco, 1915. Transactions. San Francisco [1916]. v. 10, p. 147–159.) **VDA**

1190. The **"Duilio."** illus. (Scientific American supplement. New York, 1916. v. 82, p. 24–25.) **VA**

1191. **Ferretti,** E. Warships of the first line of battle. (International Engineering Congress, San Francisco, 1915. Transactions. San Francisco, 1916. v. 10, p. 196–223.) **VDA**

1192. **Fletcher,** Andrew. River, lake, bay and sound steamers of the United States. illus. (International Engineering Congress, San Francisco, 1915. Transactions. San Francisco, 1916. v. 10, p. 124–146.) **VDA**

1193. **French** transatlantic quadruple screw steamship "Lafayette." illus. (Engineering. London, 1916. v. 101, p. 470.) **VDA**

1194. **Frozen** beef for Europe. S. S. Procida fitted with carbonic acid refrigerating plant. illus. (International marine engineering. New York, 1916. v. 21, p. 273–282.) † **VXA**

1195. **Fruit-carrying** steamer "Honduras." (Shipbuilding and shipping record. London, 1916. v. 7, p. 246–247.) **VXA**

1196. **Gatewood,** R. D. Military and technical considerations of battleship design. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1916. v. 24, p. 91–107.) **VXA**

1197. —— Proyectos de acorazados. (Revista general de marina. Madrid, 1917. tomo 80, p. 169–186.) **VXA**

1198. **German** battleship Grosser Kurfuerst. (Engineer. London, 1916. v. 119, p. 391.) **VA**
Also supplement, May 12, 1916.

1199. The **Hannewig** oil tankers. illus. (Pacific marine review. San Francisco, 1916. v. 13, no. 3, p. 53–55.) † **TRA**

1200. **Hoar,** Allen. Pacific mail steamship "Ecuador." illus. (Pacific marine review. San Francisco, 1916. v. 13, no. 10, p. 27–31.) † **TRA**

1201. **Holms,** Archibald Campbell. Practical shipbuilding, a treatise on the structural design and building of modern steel vessels; the work of construction, from the making of the raw material to the equipped vessel, including subsequent upkeep and repairs... London: Longmans, Green, and Co., 1916. 2 v. 3. ed. v. 1, 4°; v. 2, f°. † **VXH**
v. 1: Text. v. 2: Diagrams and illustrations.

1202. **Italian** cargo steamer Milazzo. illus. (Scientific American. New York, 1916. v. 115, p. 123.) **VA**

1203. **Liddell,** A. R. Yield of riveted connections in shipbuilding. (Engineer. London, 1916. v. 122, p. 29–30.) **VA**

1204. **New** collier built by the Dublin Dockyard Company. (Shipbuilding and shipping record. London, 1916. v. 7, p. 377–380.) **VXA**

1205. The **New** Matson steamer. illus. (Pacific marine review. San Francisco, 1916. v. 13, p. 40–42.) † **TRA**

1206. The **Panama** colliers Ulysses and Achilles. illus. (International marine engineering. New York, 1916. v. 21, p. 283–288.) † **VXA**

1207. **Pereira,** E. R. Evolução do destroyer. 2 pl. (Revista maritima brazileira. Rio de Janeiro, 1916. v. 68, p. 47–82.) **VXA**

1208. **Rigg,** E. H. Ocean freighters. (International Engineering Congress, San Francisco, 1915. Transactions. San Francisco [1916]. v. 10, p. 68–88.) **VDA**

1209. **SS.** "Jupiter." illus. (Shipbuilding and shipping record. London, 1916. v. 7, p. 424–425.) **VXA**

1210. **Sadler,** Herbert Charles. Bulk freight vessels of the Great Lakes. (International Engineering Congress, San Francisco, 1915. Transactions. San Francisco [1916]. v. 10, p. 110–123.) **VDA**

1211. **Spanish** torpedo-boat destroyers of the "Bustamente" class. illus. (Engineering. London, 1916. v. 101, p. 130–132, 158–159.) **VDA**
Also supplements, Feb. 11 and Feb. 18, 1916.

1212. **Standardized** construction of ships. (Marine engineer and naval architect. London, 1916. v. 38, p. 290–292.) **VXA**

Iron and Steel Ships, continued.

1916, continued.

1213. **Stevens,** E. A. Description and trial of the turbine steam yacht Winchester. illus. (Engineer. London, 1916. v. 122, p. 535–537.) **VA**

1214. **Terano,** S. Recent developments in Japanese shipbuilding. (International Engineering Congress, San Francisco, 1915. Transactions. San Francisco, 1916. v. 10, p. 89–109.) **VDA**

1215. **Twin-screw** motor-ship "Peru." illus. (Engineering. London, 1916. v. 102, p. 324–325, 330.) **VDA**

1216. **U. S. S.** "Nevada." illus. (Shipbuilding and shipping record. London, 1916. v. 7, p. 401–404.) **VXA**

1217. **United States** battleship Pennsylvania. illus. (Engineer. London, 1916. v. 122, p. 17.) **VA**

1218. **Wall,** A. T. Some considerations in the design of channel steamers. (Liverpool Engineering Society. Transactions. Liverpool, 1916. v. 36, p. 125–158.) **VDA**

1917

1219. **American Bureau of Shipping.** Rules for the classification and construction of steel ships. New York [1917]. xviii, 177, 145 p. 4°. **VXA**

1220. **American** standard single-screw steel steam-ships. illus. (Engineering. London, 1917. v. 104, p. 250–251.) **VDA**

1221. **Attwood,** Edward Lewis. Warships. A text-book on the construction, protection, stability, turning, etc., of war vessels. London: Longmans, Green & Co., 1917. 338 p. illus. 6. ed. 8°. **VXR**

1222. **Buques** especiales afectos á los sumergibles. illus. (Revista general de marina. Madrid, 1917. tomo 81, p. 577–613.) **VXA**

1223. **Carter,** Sir George. Standard cargo ships. (International marine engineering. New York, 1918. v. 23, p. 407–412.) † **VXA**

1224. **Casting** ships of steel. (Iron age. New York, 1917. v. 99, p. 1440.) **VDA**

1225. **Cunard** liner "Aurania." (Engineering. London, 1917. v. 103, p. 609–611.) **VDA**

Also supplement, June 29, 1917.

1226. **Design** standard steel cargo vessels for the Shipping Board. illus. (Marine journal. New York, 1917. v. 36, Sept. 1, 1917, p. 8.) † **VXA**

1227. **Fabricated** ships. illus. (Shipping. New York, 1917. v. 1, p. 582–583, 596–597.) † **TRA**

1228. **Freight** steamer Edward Luckenbach. illus. (International marine engineering. New York, 1917. v. 22, p. 7–14.) † **VXA**

1229. **Gatewood,** R. D. Military and technical considerations of battleship design. (International marine engineering. New York, 1917. v. 22, p. 16–19.) † **VXA**

1230. **Hill,** M. F. Cast steel ships. (International marine engineering. New York, 1917. v. 22, p. 435–436.) † **VXA**

1231. **Holms,** Archibald Campbell. Practical shipbuilding; a treatise on the structural design and building of modern steel vessels; the work of construction, from the making of the raw material to the equipped vessel, including subsequent upkeep and repairs... London: Longmans, Green & Co., 1917. 2 v. v. 1, 4°; v. 2, f°. † **VXH**

v. 1, Text. v. 2, Diagrams and illustrations.

1232. **Lang,** W. V. Standard parts for standard ships. (Shipbuilding and shipping record. London, 1917. v. 9, p. 180–181.) † **VXA**

1233. **Lloyd's Register of Shipping.** Rules & regulations for the construction and classification of steel vessels. From 1st July, 1917, to the 30th June, 1918. London, 1917. xxx, 256 p. 4°. **VXA**

1234. **Morrell,** Robert W. Developments in tanker construction. (Petroleum age. New York, 1917. v. 4, Nov., 1917, p. 31–36.) † **VHY**

1235. —— Recent developments in tank steamer construction. (Society of Naval Architects and Marine Engineers. Transactions. New York, 1917. v. 25, p. 73–87.) **VXA**

1236. —— —— (Engineering. London, 1917. v. 104, p. 687–689.) **VDA**

1237. —— —— (Shipping. New York, 1917. v. 1, p. 584–586, 600, 605.) † **TRA**

1238. **Morrison,** J. H. Development of American oil tankers. (International marine engineering. New York, 1917. v. 22, p. 105–107, 157–158.) † **VXA**

1239. **New** Southern Pacific freighters. illus. (International marine engineering. New York, 1917. v. 22, p. 538–540.) † **VXA**

1240. **Putnam,** George Rockwell. Lighthouses and lightships of the United States . . . Boston: Houghton Mifflin Co., 1917. xiii, 308 p., 32 pl. 8°. **VXF**

1241. **Recent** American warships. (Engineer. London, 1917. v. 123, p. 8–9, 41–44, 74–75.) **VA**

1242. **Robinson,** Richard Hallett Meredith. Fabricated ships. 4 pl. (Society of

Iron and Steel Ships, continued.

1917, continued.

Naval Architects and Marine Engineers. Transactions. New York, 1917. v. 25, p. 137–143.) **VXA**

1243. —— —— (Engineering. London, 1917. v. 104, p. 658–659.) **VDA**

1244. —— —— (International marine engineering. New York, 1917. v. 22, p. 549–550.) † **VXA**

1245. **Saunders,** A. E. Straight-lined ship model experiments. (International marine engineering. New York, 1917. v. 22, p. 340–343.) † **VXA**

1246. **Specifications** for U. S. steel ship. (Marine review. Cleveland, 1917. v. 47, p. 349–357, 402–406.) † **VXA**

1247. **Standard Oil** tanker Benjamin Brewster. illus. (International marine engineering. New York, 1917. v. 22, p. 481–484.) † **VXA**

1248. The **Standard** ships. illus. (Engineer. London, 1917. v. 124, p. 267, 272–274.) **VA**

1249. **Standard** single-screw steel steamship for U. S. Shipping Board's emergency fleet. illus. (International marine engineering. New York, 1917. v. 22, p. 354–357.) † **VXA**

1250. **Steamship** Milazzo. illus. (Engineer. London, 1917. v. 123, p. 194–197.) **VA**

Also supplement, March 2, 1917.

1251. **Stirling,** Yates. The unarmored battleship. illus. (Scientific American. New York, 1917. v. 116, p. 218, 245.) **VA**

1252. **United States.** — Shipping Board Emergency Fleet Corporation. Regular construction — steel steamship. Specifications for the construction of a standard single-screw steel steamship...7,300 tons d. w. capacity; 11½ knots sea speed. June, 1917. [By] Theodore E. Ferris. Washington: Gov. Prtg. Off., 1917. 62 f., 1 l. 12°. (no. 11.) **VXHD**

1253. —— Specifications for the construction of a standard composite single-screw freight steamship. August, 1917. [By] Theodore E. Ferris. Washington: Gov. Prtg. Off., 1917. 84 l. 12°. (no. 21.) **VXHD**

1254. —— Specifications for the construction of a standard steel cargo steamer (fabricated construction), 7,500 tons d. w. capacity. September, 1917... Washington: Gov. Prtg. Off., 1917. 86 l. 12°. (no. 22.) **VXHD**

1255. —— Specifications for single-screw steel harbor tugboat. November 16, 1917. Washington: Gov. Prtg. Off., 1917. 30 l. 12°. (no. 25.) **VXHD**

1256. —— Specifications for single-screw steel seagoing tugboat. November 16, 1917. Washington: Gov. Prtg. Off., 1917. 36 l. 12°. (no. 24.) **VXHD**

1918

1257. **Abell,** Westcott Stile. The merchant ship of the future. (Engineering. London, 1918. v. 105, p. 352–354.) **VDA**

1258. —— —— (Scientific American supplement. New York, 1918. v. 85, p. 302–304.) **VA**

1259. **American** Standard Oil tanker "Benjamin Brewster." illus. (Shipbuilding and shipping record. London, 1918. v. 12, p. 58–59.) † **VXA**

1260. The **Application** of electric welding to ship construction and repair. (Electrician. London, 1918. v. 81, p. 379.) † **VGA**

1261. **Application** of electric welding to shipbuilding. New regulations adopted by Lloyd's Register. (Shipbuilding and shipping record. London, 1918. v. 12, p. 186–188.) **VXA**

1262. **Building** merchant ships. illus. (Nautical gazette. New York, 1918. v. 93, no. 6, p. 5.) † **VXA**

1263. **Burtner,** Evers. Oil- and watertight joints in ships' hulls. (International marine engineering. New York, 1918. v. 23, p. 404–406.) † **VXA**

1264. **Carmichael,** Andrew Williams. Shipbuilding for beginners. Washington: Emergency Fleet Corporation, 1918. 25 p. illus. 8°. **VXH**

1265. **Carter,** Sir George. Standard cargo ships. illus. (Engineer. London, 1918. v. 125, p. 257–259.) **VA**

1266. —— —— (Engineering. London, 1918. v. 105, p. 307–310, 319–322.) **VDA**

1267. —— —— (Nautical gazette. New York, 1918. v. 93, April 18, 1918, p. 4–6.) † **VXA**

1268. —— —— (Shipbuilding and shipping record. London, 1918. v. 11, p. 339–342.) † **VXA**

1269. —— Standardized cargo ship building. illus. (Shipping. New York, 1918. v. 3, no. 7, p. 11–14; no. 9, p. 11–13.) **VXA**

1270. **Collins,** James H. Electric welding in shipbuilding. (Electrical engineering. New York, 1918. v. 51, May, 1918, p. 43–44.) † **VGA**

1270a. **Cook,** Clarence Westgate. Steel shipbuilder's handbook; an encyclopedia of the names of parts, tools, operations, trades, abbreviations, etc., used in the building of steel ships. New York: Long-

Iron and Steel Ships, continued.

1918, continued.

mans, Green and Co., 1918. iv, 123 p., 4 folded diagrs. 12°. **VXHN**

1271. **Crawford,** Walter Kay. The shipbuilder's blue book. New York: Ocean Pub. Co., 1918. 79 p. 12°. **VXH**

1272. **Design** steel ship for maximum efficiency of bridge shop fabrication. illus. (Engineering news-record. New York, 1918. v. 81, p. 5–12.) **VDA**

1273. **Electric** welding as applied to steel ship construction. (Engineering and contracting. Chicago, 1918. v. 50, p. 308–309.) **VDA**

1274. **Electric** welding as applied to steel ship construction. (Engineers' Club of Philadelphia. Journal. Philadelphia, 1918. v. 35, p. 427–439.) **VDA**

1275. **Electric** welding in the building of ships. (Electrical world. New York, 1918. v. 71, p. 683.) † **VGA**

1276. **Electrically** welded barge. illus. (Engineer. London, 1918. v. 126, p. 122–123.) **VA**

1277. An **Electrically** welded barge. illus. (Engineering. London, 1918. v. 106, p. 142.) **VDA**

1278. **Electrically** welded cargo ships. (Engineers' Club of St. Louis. Journal. St. Louis, 1918. v. 3, p. 203–210.) **VDA**

1279. An **Electrically** welded ship. illus. (Nautical gazette. New York, 1918. v. 94, p. 114.) † **VXA**

1280. **Electrically** welded ships. (Electrician. London, 1918. v. 81, p. 319–320.) **VGA**

1281. **Eley,** Charles V. A. Unsinkable ships. (Scientific American supplement. New York, 1918. v. 85, p. 238–239, 250–251.) **VA**

1282. **First** electrically welded ship launched. illus. (Electrical news. Toronto, 1918. v. 27, no. 19, p. 30–31.) **VGA**

1283. **Five** thousand-ton deadweight fabricated steel cargo steamer for emergency fleet. illus. (International marine engineering. New York, 1918. v. 23, p. 194–198.) † **VXA**

1284. **French,** F. J. Notes on shipbuilding. illus. (American Society of Mechanical Engineers. Journal. New York, 1918. v. 40, p. 289–292.) **VDA**

1285. —— Notes on steel shipbuilding. (Engineering and contracting. Chicago, 1918. v. 49, p. 509–511.) **VDA**

1286. The **French** design an unsinkable ship. illus. (Scientific American. New York, 1918. v. 119, p. 32.) **VA**

1287. **Hill,** M. F. Cast steel ship construction. illus. (Nautical gazette. New York, 1918. v. 93, no. 6, p. 10.) † **VXA**

1288. **Hill,** R. C. New type of cargo carrier wins favor on Pacific. illus. (Marine review. New York, 1918. v. 48, p. 193–196.) **VXA**

1289. **Hornor,** H. A. Evolution of electric welding processes as applied in shipbuilding. (Engineers' Club of St. Louis. Journal. St. Louis, 1918. v. 3, p. 256–263.) **VDA**

1290. **"I** am 29 days old — Look me over." illus. (Iron trade review. Cleveland, 1918. v. 63, p. 668–672.) † **VHA**

1291. **"Laying** down" a ship. illus. (Scientific American supplement. New York, 1918. v. 86, p. 164–165.) **VA**

1292. **Lloyd's** rules for welded ships. (Shipbuilding and shipping record. London, 1918. v. 12, p. 180.) **VXA**

1293. **Lundberg,** Charles. Manufacturing eagles at Ford shipyard. illus. (Iron age. New York, 1918. v. 102, p. 679–684.) **VDA**

1294. **Making** the ship unsinkable. illus. (Compressed air magazine. New York, 1918. v. 23, p. 8711–8713.) **VFM**

1295. **Millar** system of longitudinal and transverse ship framing. illus. (Engineering. London, 1918. v. 105, p. 512.) **VDA**

1295a. **Monetti,** Luigi. La struttura longitudinale "Isherwood" nei piccoli scafi. (Rivista marittima. Roma, 1918. v. 51, semestre 2, p. 262–268.) **VXA**

1296. **Morrell,** Robert W. Recent developments in tank steamer construction. (Shipbuilding and shipping record. London, 1918. v. 11, p. 117–119.) † **VXA**

1297. —— Tank-steamer construction. (American Society of Naval Engineers. Journal. Washington, 1918. v. 30, p. 157–166.) **VXA**

1298. —— —— (International marine engineering. New York, 1918. v. 23, p. 78–83.) † **VXA**

1299. **Oil** tanker of 10,000 tons deadweight adopted as standard by Shipping Board. illus. (International marine engineering. New York, 1918. v. 23, p. 107–113.) † **VXA**

1300. **Oldham,** J. R. Efficient ship riveting. (Nautical gazette. New York, 1918. v. 93, no. 8, p. 5.) † **VXA**

1301. —— Wood and steel ships compared. (Nautical gazette. New York, 1918. v. 93, no. 17, p. 6–7.) † **VXA**

1301a. **Owen,** Hugh. Ship economics; practical aids for shipmasters in repair, maintenance, surveys, and construction, in-

Iron and Steel Ships, continued.

1918, continued.

cluding a glossary of technical terms. London: G. Philip & Son, Ltd., 1918. vii, 137 p. illus. 2. ed. 8°. **VXHB**

1302. **Problem** of the unsinkable ship. illus. (Scientific American. New York, 1918. v. 118, p. 215.) **VA**

1303. **Purpose** of the test in electric welding for ships. (Electrical world. New York, 1918. v. 71, p. 993.) † **VGA**

1304. **Ralph's** ship fitters' edition for students, beginners and ship workers... San Francisco: [Progress Printing Co.,] 1918. 1 p.l., 46 p. illus. 16°. **VDH**

1305. The **Rivetless** ship — a possibility. (Marine review. Cleveland, 1918. v. 48, p. 184–185.) † **VXA**

1306. **Robinson,** Richard Hallett Meredith. Fabricated ships. illus. (Nautical gazette. New York, 1918. v. 93, no. 6, p. 8–9.) † **VXA**

1307. **SS.** "Edgar F. Luckenbach." 1 folded plan. illus. (Shipbuilding and shipping record. London, 1918. v. 11, p. 520–523.) † **VXA**

1308. **SS.** Victor de Chávarri. 1 pl. (Shipbuilding and shipping record. London, 1918. v. 12, p. 255–258.) **VXA**

1309. A **Ship** built in 27 days [Tuckahoe]. illus. (World's work. New York, 1918. v. 36, p. 329–332.) * **DA**

1310. A **Ship** within a ship. illus. (Scientific American. New York, 1918. v. 118, p. 161.) **VA**

1311. **Standard** steel cargo ships for the war zone. illus. (Scientific American. New York, 1918. v. 118, p. 8, 40.) **VA**

1312. A **Steel** ship built without rivets. illus. (Scientific American supplement. New York, 1918. v. 86, p. 197.) **VA**

1312a. **Sutphen,** H. R. Structural steel standardized cargo vessels. (International marine engineering. New York, 1918. v. 23, p. 695–698.) **VXA**

1313. **T.SS.** "Hakushika Maru." First steamer from the new Asano shipbuilding yard. illus. (Shipbuilding and shipping record. London, 1918. v. 11, p. 677–680.) † **VXA**

1314. The **Test** of electric welding for constructing ships. (American machinist. New York, 1918. v. 48, p. 1012.) † **VFA**

1315. **Twin-screw** passenger and cargo steamer "Città di Trieste." illus. (Shipbuilding and shipping record. London, 1918. v. 11, p. 412.) † **VXA**

1316. **Twin-screw** passenger steamer "Stavangerfjord." illus. (Engineering. London, 1918. v. 106, p. 170–172, 174.) **VDA**

1317. **United States.** — Shipping Board Emergency Fleet Corporation. Structural steel for ships. Standard practice recommended by American steel makers as adopted by the Emergency Fleet Corporation. n. p. [1918.] 15 p. 12°. **VXH**

1318. **Unsinkable** cargo vessel. Isherwood method of securing maximum floatability for ships liable to submarine attack. (Nautical gazette. New York, 1918. v. 93, no. 13, p. 4–5.) † **VXA**

1319. **Unsinkable** mercantile ships. (Engineer. London, 1918. v. 125, p. 99.) **VA**

1320. **Walton,** Thomas. Steel ships: their construction and maintenance... London: Charles Griffin & Co., 1918. xvi, 332 p. illus. 4. ed. 8°. **VXHK**

1919

1320a. **Fabricated-ship** construction in one year's experience. (Engineering news-record. New York, 1919. v. 82, p. 16–17.) † **VDA**

Reinforced Concrete Ships

1908

1321. **Reinforced** concrete as a building material for boats. illus. ((Scientific American. New York, 1908. v. 99, p. 152–153.) **VA**

1322. —— (Marine review. New York, 1908. v. 38, no. 14, p. 51–55.) **VXA**

1909

1323. **Kieffer,** H. P. Reinforced concrete boats. illus. (International marine engineering. New York, 1909. v. 14, p. 287–290.) † **VXA**

1324. **Lemaire,** E. Chalands et pontons en ciment armé. illus. (Génie civil. Paris, 1909. tome 54, p. 233–236.) **VA**

1325. **Nast,** B. Schiff aus Eisenbeton. illus. (Beton und Eisen. Berlin, 1909. Jahrg. 8, p. 349.) † **VEA**

1326. **Reinforced** concrete boats. illus. (Cement record. Kansas City, 1909. v. 2, no. 6, p. 1–5.) **VEOM**

Reinforced Concrete Ships, continued.

1909, continued.

1327. Die **Schiffbauten** System Gabellini. illus. (Beton und Eisen. Berlin, 1909. Jahrg. 8, p. 14–17.) † **VEA**

1328. **Wilkes,** Paul. How to make a seaworthy boat of concrete at small cost. (Concrete. Detroit, 1909. v. 9, no. 5, p. 36–38.) † **VEA**

1910

1329. **Reinforced** concrete barges on the Pacific division of the Panama canal. illus. (Engineering record. New York, 1910. v. 61, p. 707–708.) **VDA**

1330. **Reinforced-concrete** barges on the Panama canal. illus. (Engineering news. New York, 1910. v. 64, p. 96–97.) **VDA**

1331. A **Reinforced** concrete scow. illus. (Concrete engineering. Cleveland, 1910. v. 5, p. 298.) † **VEA**

1911

1332. Ein **Neuer** Eisenbetonbalken System Hannemann "S. H." illus. (Beton und Eisen. Berlin, 1911. Jahrg. 10, p. 93–94.) † **VEA**

1333. A **Reinforced** concrete scow. illus. (Cement world. Chicago, 1911. v. 5, no. 5, p. 27–28.) † **VEA**

1334. **Rupp,** M. E. Concrete barges for the Panama canal. illus. (Cement era. Chicago, 1911. v. 9, no. 2, p. 26–28.) † **VEA**

1335. **Scheible,** Albert. A motor boat of reinforced concrete. illus. (Cement era. Chicago, 1911. v. 9, no. 2, p. 25–26.) † **VEA**

1336. **Stross,** Walther. Schwimmkörper aus Eisenbeton. Berlin: W. Ernst & Sohn, 1911. iv, 127 p. illus. 4°. (Forscherarbeiten auf dem Gebiete des Eisenbetons. Heft 16.) **VEO**

1337. **Taylor,** James. Reinforced concrete barges. (Canadian engineer. Toronto, 1911. v. 20, p. 414–415.) **VDA**

1912

1338. **Faber,** O. Beton bei Schiffsbodenreparatur. illus. (Beton und Eisen. Berlin, 1912. Jahrg. 11, p. 156.) † **VEA**

1339. **Reinforced** concrete barges for sludge pumps, Manchester ship canal. illus. (Engineering and contracting. Chicago, 1912. v. 38, p. 316–317.) **VDA**

1913

1340. **Sudler,** C. E. A 500-ton reinforced-concrete scow. illus. (Engineering news. New York, 1913. v. 69, p. 466–467.) **VDA**

1915

1341. **King,** A. W. The building of concrete scows is made a commercial success. illus. (Cement era. Chicago, 1915. v. 13, no. 4, p. 44–45.) † **VEA**

1342. **Rowland,** W. Experiences gained from reinforced-concrete barges built for the Panama canal. illus. (Engineering record. New York, 1915. v. 71, p. 684–686.) **VDA**

1916

1343. **Weber,** Carl. New methods devised for building ships of concrete. (Engineering record. New York, 1916. v. 74, p. 779–780.) **VDA**

1917

1344. **Air** placed concrete for ships and barges. (Concrete. Detroit, 1917. v. 11, p. 170, 192.) **VEA**

1345. **Booker,** G. E. Monolithic ship construction. (Canadian engineer. Toronto, 1917. v. 33, p. 114.) **VDA**

1346. **Brinker,** Joseph. One-piece ships of stone. illus. (Popular science monthly. New York, 1917. v. 91, p. 556–557.) * **DA**

1347. **Campbell,** H. C. Concrete ships may solve shipping problem. illus. (Cement world. Chicago, 1917. v. 11, Aug., 1917, p. 13–16.) † **VEA**

1348. Les **Chalands** et navires en béton armé. Construction des navires "Béton I" et "Namsenfjords" à Porsgrund et à Moss. illus. (Génie civil. Paris, 1917. tome 71, p. 349–352.) **VA**

1349. **Concrete** for naval construction. (Concrete. Detroit, 1917. v. 11, p. 192–193.) **VEA**

1350. **Concrete** for ships. (Times engineering supplement. London, May 25, 1917, p. 107.) * **A**

1351. The **Concrete** ship as a new arm of transportation. (Concrete highway magazine. Chicago, 1917. v. 1, July, 1917, p. 8.) † **VEA**

1352. **Concrete** shipbuilding. illus. (Concrete and constructional engineering. London, 1917. v. 12, p. 628–636.) **VEOM**

Reinforced Concrete Ships, continued.

1917, continued.

1353. **Concrete** shipbuilding firmly established by Norwegian firm. illus. (Engineering news-record. New York, 1917. v. 79, p. 1088–1091.) **VDA**

1354. **Concrete** ships. (American marine engineer. Norfolk, 1917. v. 12, Sept., 1917, p. 21.) **VXA**

1355. **Concrete** ships. illus. (Marine engineer. London, 1917. v. 40, August, 1917, p. 10–12.) † **VXA**

1356. **Concrete** ships. (Yachting. New York, 1917. v. 22, p. 119, 144–145.) **MVRA**

1357. **Concrete** ships in foreign countries. (Concrete age. Atlanta, 1917. v. 26, Sept., 1917, p. 22–24.) † **VEA**

1358. **Concrete** ships to combat submarines. (Concrete age. Atlanta, 1917. v. 26, Aug., 1917, p. 19–20.) † **VEA**

1359. **Concrete** transport to aid shipping. illus. (Marine review. Cleveland, 1917. v. 47, p. 310–311.) † **VXA**

1360. **Ferro-concrete** barges. illus. (Shipping. New York, 1917. v. 1, p. 322–325.) † **TRA**

1361. **Ferro-concrete** shipbuilding. illus. (Engineering. London, 1917. v. 104, p. 364–366, 420–422.) **VDA**

1362. **Ferro-concrete** ships. (Scientific American supplement. New York, 1917. v. 84, p. 245, 360–362.) **VA**

1363. **Ferro-concrete** vessels. (Engineering. London, 1917. v. 104, p. 178–179, 381–382.) **VDA**

1364. **Ferro-concrete** vessels. illus. (International marine engineering. New York, 1917. v. 22, p. 493–495.) † **VXA**

1365. **Hoar,** Allen. Reinforced concrete for shipbuilding. illus. (International marine engineering. New York, 1917. v. 22, p. 300–303.) † **VXA**

1366. **Interesting** facts about concrete ships. illus. (Rock products and building materials. Chicago, 1917. v. 20, Aug. 29, 1917, p. 17–18.) † **VEA**

1367. **Large** vessels built of reinforced concrete in Norway. (Engineering record. New York, 1917. v. 75, p. 315.) **VDA**

1368. **Pollock's** improved design of reinforced concrete vessels. illus. (Marine engineer. London, 1917. v. 40, Sept., 1917, p. 26–27.) † **VXA**

1369. **Portland Cement Association.** Concrete ships. Chicago, 1917. 35 p. illus. 8°. (In: Portland Cement Association. Collection of pamphlets.) **VEOM**

1370. **Progress** in reinforced concrete ship building. (Engineering and contracting. Chicago, 1917. v. 48, p. 532–534.) **VDA**

1371. **Reinforced** concrete barges and pontoons. (Concrete age. Atlanta, 1917. v. 26, Sept., 1917, p. 20–21.) † **VEA**

1372. **Reinforced** concrete in shipbuilding. illus. (Marine review. Cleveland, 1917. v. 47, p. 291–292.) † **VXA**

1373. **Reinforced** concrete in ship construction. (Concrete age. Atlanta, 1917. v. 26, Sept., 1917, p. 19–20.) † **VEA**

1374. **Reinforced** concrete for ships. (Canadian engineer. Toronto, 1917. v. 33, p. 58–59.) **VDA**

1375. **Reinforced** concrete ships. (Australian statesman and mining standard. Sydney, 1917. v. 57, p. xxi.) **3** – † **VHF**

1376. **Reinforced** concrete ships. (Concrete age. Atlanta, 1917. v. 26, Sept., 1917, p. 34–35.) † **VEA**

1377. **Reinforced** concrete ships. illus. (Municipality. Madison, 1917. v. 17, p. 111–112.) **SERA**

1378. **Reinforced** concrete ships and barges. illus. (Concrete and constructional engineering. London, 1917. v. 12, p. 382–387.) **VEOM**

1379. **Sea-going** ships of concrete. illus. (Concrete. Detroit, 1917. v. 11, p. 169–170.) † **VEA**

1380. **Skerrett,** R. G. Ships of stone. illus. (Scientific American. New York, 1917. v. 117, p. 361–369.) **VA**

1381. **Strength** calculations for concrete. illus. (Shipping. New York, 1917. v. 1, p. 10–11.) † **TRA**

1382. **Stroyer,** R. N. Concrete vessels. illus. (Shipbuilding and shipping record. London, 1917. v. 10, p. 105–107.) † **VXA**

1383. **300-ton** ferro-concrete barge. (Shipbuilding and shipping record. London, 1917. v. 10, p. 420–421.) **VXA**

1384. **Tondering,** C. J. Jaernbetonskibsbygning. illus. (Ingeniøren. København, 1917. Aarg. 26, p. 515–520.) **VDA**

1385. **United States.** — Merchant Marine and Fisheries Committee (House, 65: 1). Concrete ships... Washington: Gov. Prtg. Off., 1917. 26 p. 8°. **VXHG**

Repr.: Times engineering supplement, May 25, 1917, supplement to London Times.

1386. **Weber,** Carl. Reinforced concrete ship construction. (English mechanic and world of science. London, 1917. v. 105, p. 78.) **VA**

1387. **Workman,** G. C. Reinforced concrete barges at Bahia. illus. (Concrete and constructional engineering. London, 1917. v. 12, p. 553–558.) **VEOM**

Reinforced Concrete Ships, continued.

1918

1388. **Alfsen,** Harold. Bygning of Jaernbetonskibe. illus. (Ingeniøren. København, 1918. Aarg. 27, p. 67–74.) **VDA**

1389. **American Concrete Institute.** Report of the joint committee of the American Concrete Institute and the Portland Cement Association on concrete barges and ships. January, 1918. 16 l. 4°.
Typewritten copy.

1390. The **American** ocean-going concrete steamship Faith. illus. (Engineer. London, 1918. v. 125, p. 518–519.) **VA**

1391. **Basadre y G.,** Carlos. El concreto armado y las construcciones maritimas. (Boletín de minas. Lima, 1918. serie 2, tomo 10, núm. 4/6, p. 49–54.) **VHA**

1392. Les **Bateaux** en béton armé aux États-Unis. illus. (Génie civil. Paris, 1918. tome 73, p. 121–124.) **VA**

1393. **Bending** stresses in concrete ships — a warning. (Scientific American. New York, 1918. v. 118, p. 354.) **VA**

1393a. **Bonnaffon,** S. A. Concrete ships for ocean service. (Commercial America. Philadelphia, 1918. v. 15, p. 31–35.) **TLA**

1393b. **Brewer,** Fred. Development of concrete ships. (Pacific motor boat. Seattle, 1918. v. 2, no. 2, p. 13–16.) **VXA**

1394. **British-built** concrete vessel. illus. (Shipbuilding and shipping record. London, 1918. v. 11, p. 492, 524.) † **VXA**

1395. **British** standard concrete ships. illus. (Shipbuilding and shipping record. London, 1918. v. 12, p. 108–112.) † **VXA**

1396. **Building** concrete ships. illus. (Nautical gazette. New York, 1918. v. 93, no. 6, p. 11.) † **VXA**

1397. The **Building** of reinforced-concrete ships. illus. (Engineering. London, 1918. v. 106, p. 114–115, 118.) **VDA**

1398. **Capmany,** J. Buques de hormigón armado. El primer "cargo-boat" español. illus. (Iberica. Tortosa, 1918. v. 9, p. 170–171.) **OA**

1399. **Concrete** barges and ships. (International marine engineering. New York, 1918. v. 23, p. 285–289.) † **VXA**

1400. A **Concrete** cargo carrier. illus. (The rudder. New York, 1918. v. 34, p. 22–23.) † **MVRA**

1401. **Concrete** cargo vessels. illus. (Nautical gazette. New York, 1918. v. 93, May 11, 1918, p. 8–9.) † **VXA**

1402. **Concrete** ship of 3,500 tons deadweight designed by Emergency Fleet Corporation. illus. (International marine engineering. New York, 1918. v. 23, p. 446–449.) † **VXA**

1403. The **Concrete** ship problem. illus. (Scientific American supplement. New York, 1918. v. 86, p. 20–21.) **VA**

1404. **Concrete** shipbuilding. illus. (Concrete and constructional engineering. London, 1918. v. 13, p. 127–132.) **VEOM**

1405. **Concrete** ships for the United States Shipping Board. (Shipbuilding and shipping record. London, 1918. v. 12, p. 183–184.) **VXA**

1406. **Concrete** ships offer added power against U-boats. How the concrete ship is built... illus. **Vertical file – Tech. Div.**
Clipping from *New York Tribune,* March, 1918.

1407. **Concrete** vessels in France. illus. (Concrete and constructional engineering. London, 1918. v. 13, p. 182–191.) **VEOM**

1408. **Construction** features of concrete ships. (Engineering and contracting. Chicago, 1918. v. 50, p. 303–304.) **VDA**

1409. **Construction** of concrete ships. Letters and reports submitted on the cost, plans, and advantages in the construction of concrete ships as submitted by constructing engineers to the chairman of the Emergency Fleet Corporation and the Senate Commerce Committee. Washington: Gov. Prtg. Off., 1918. 58 p. 8°. (U. S. 65. cong., 2. sess. Senate doc. no. 239.) * **SBE**

1410. **Construction** problems many in building concrete ships. (Engineering news-record. New York, 1918. v. 81, p. 93–95.) **VDA**

1411. **Data** as to the 5,000-ton concrete ship "Faith," with comment on its costs. (Engineering and contracting. Chicago, 1918. v. 49, p. 497.) **VDA**

1412. **Denny,** Maurice. The possibilities of the ferro-concrete ship. (Engineering. London, 1918. v. 105, p. 383–386.) **VDA**

1413. —— —— (Nautical gazette. New York, 1918. v. 93, no. 16, p. 4–5.) † **VXA**

1414. —— A preliminary survey of the possibilities of reinforced concrete as a material for ship construction. illus. (Concrete and constructional engineering. London, 1918. v. 13, p. 173–181.) **VEOM**

1415. —— —— (Shipbuilding and shipping record. London, 1918. v. 11, p. 350–352.) † **VXA**

1416. **Design** features of concrete ship developed by government department of concrete ship construction. (Engineering and contracting. Chicago, 1918. v. 50, p. 88–89.) **VDA**

Reinforced Concrete Ships, continued.

1918, continued.

1417. **Dodge,** Alfred. Hybrids of the sea. illus. (Illustrated world. New York, 1918. v. 29, p. 861–864.) **VDA**

1417a. **Dondona,** Filiberto. Navi in cemento armato. (Rivista marittima. Roma, 1918. v. 51, p. 27–47.) **VXA**

1418. **Egleston,** Howard. Rapidly building and launching concrete ships. illus. (Contracting. New York, 1918. v. 6, p. 369–371.) † **VEA**

1419. **Espitallier,** G. Construction of reinforced concrete ships by Hennebique and Marelle systems. illus. (Engineering and contracting. Chicago, 1918. v. 49, p. 519–521.) **VDA**

1420. —— Les constructions navales en béton armé. (Génie civil. Paris, 1918. tome 72, p. 1–7, 25–28.) **VA**

1421. **Everett,** H. A. The fallacy of concrete ships. (International marine engineering. New York, 1918. v. 23, p. 61–63.) † **VXA**

1422. **Faith,** the first concrete cargo carrier. illus. (The rudder. New York, 1918. v. 34, p. 230–232.) † **MVRA**

1423. **Ferguson,** L. R. Concrete ships. illus. (American Society of Marine Draftsmen. Journal. Philadelphia, 1918. v. 4, p. 105–108.) † **VXA**

1424. —— —— (Engineers Club of Philadelphia. Journal. Philadelphia, 1918. v. 35, p. 90–93.) **VDA**

1425. —— Designing of concrete ships. illus. (Mining and scientific press. San Francisco, 1918. v. 116, p. 586–587.) **VA**

1426. **Ferro-concrete** ships. (Marine engineer. London, 1918. v. 40, p. 213–216.) † **VXA**

1427. **Ferro-concrete** ships. (Shipbuilding and shipping record. London, 1918. v. 11, p. 497–498.) † **VXA**

1428. **Ferro-concrete** ships. (Shipbuilding and shipping record. London, 1918. v. 11, p. 311–312, 413–416.) † **VXA**

1429. **First** large concrete ship is building at San Francisco. illus. (Engineering news-record. New York, 1918. v. 80, p. 105–108.) **VDA**

1430. **Freeman,** J. E. Concrete ships and barges. (Cleveland Engineering Society. Journal. Cleveland, 1918. v. 10, p. 345–358.) **VDA**

1431. —— The development of concrete barge and ship construction. illus. (American Society of Mechanical Engineers. Journal. New York, 1918. v. 40, p. 292–297.) **VDA**

1432. —— History of concrete barge and ship construction. (Engineering and contracting. Chicago, 1918. v. 49, p. 505–508.) **VDA**

1433. —— Progress in the application of concrete to barge and shipbuilding. (Western Society of Engineers. Journal. Chicago, 1918. v. 23, p. 205–220.) **VDA**

1434. —— Progress in the application of concrete to shipbuilding. illus. (Utah Society of Engineers. Monthly journal. Salt Lake City, 1918. v. 4, p. 61–77.) **VDA**

1435. **French** concrete ships. illus. (Shipbuilding and shipping record. London, 1918. v. 11, p. 256–257.) † **VXA**

1436. **Government** designs and builds 3,500-ton concrete ships. illus. (Engineering news-record. New York, 1918. v. 81, p. 17–21.) **VDA**

1437. **Gueritte,** T. J. Ferro-concrete ship construction. illus. (Shipping. New York, 1918. v. 3, April 27, 1918, p. 12–13.) † **TRA**

1438. —— Ferro-concrete ships. (Engineer. London, 1918. v. 125, p. 237–238.) **VA**

1439. —— —— (Engineering. London, 1918. v. 105, p. 295–298.) **VDA**

1440. —— —— (Indian and eastern engineer. Calcutta, 1918. v. 42, p. 188–190; v. 43, p. 18–20.) **VDA**

1441. —— —— (International marine engineering. New York, 1918. v. 23, p. 329–334.) † **VXA**

1442. —— —— (Iron and coal trades review. London, 1918. v. 96, p. 315–316.) † **VIA**

1443. —— —— (Motorship. Seattle, 1918. v. 3, April, 1918, p. 9–10, 24.) † **VXA**

1444. —— —— (Nautical gazette. New York, 1918. v. 93, no. 14, p. 4–5.) † **VXA**

1445. —— —— (Scientific American supplement. New York, 1918. v. 85, p. 286–287, 298–299.) **VA**

1446. **Heard,** F. C. How concrete ship was developed. (Marine review. Cleveland, 1918. v. 48, p. 373–374.) **VXA**

1447. **Hoar,** Allen. Application of reinforced concrete to ship construction. illus. (Engineering and contracting. Chicago, 1918. v. 49, p. 409–411.) **VDA**

1448. **Jennings,** Frederick. Concrete ships. illus. (Architect and engineer of California. San Francisco, 1918. v. 54, p. 99–103.) **MQA**

1449. **Joint** committee on concrete ships makes report. Cement Association and Concrete Institute join in study of concrete for floating craft. (Engineering news-record. New York, 1917. v. 79, p. 1126–1127.) **VDA**

Reinforced Concrete Ships, continued.

1918, continued.

1450. —— (Concrete and constructional engineering. London, 1918. v. 13, p. 257–262.) **VEOM**

1451. **Largest** concrete ship ever built has been launched on Pacific coast. illus. (Engineering and cement world. Chicago, 1918. v. 12, April, 1918, p. 13–14.) † **VEA**

1452. **Lorton** system of reinforced-concrete hull construction. (Shipbuilding and shipping record. London, 1918. v. 11, p. 623.) † **VXA**

1453. The **Marine** use of concrete. illus. (Scientific American. New York, 1918. v. 118, p. 81, 94.) **VA**

1454. **Nash,** J. P. Light weight concrete for ships from special aggregate. (Engineering news-record. New York, 1918. v. 81, p. 136–137.) **VDA**

1455. **Oldham,** J. R. Observations on ferro-concrete ships. (Nautical gazette. New York, 1918. v. 93, no. 24, p. 4.) † **VXA**

1456. **Owen,** H. S. Concrete ships. (Engineers' Club of St. Louis. Journal. St. Louis, 1918. v. 3, p. 243–255.) **VDA**

1457. **Phenis,** Albert. Will the concrete steamship measure up to builders' expectations? illus. (Manufacturers record. Baltimore, 1918. v. 73, April 4, 1918, p. 75–77.) 3 – † **VA**

1458. **Pollock,** Walter. Reinforced concrete vessels. illus. (Engineering. London, 1918. v. 105, p. 366–369.) **VDA**

1459. —— —— (Shipbuilding and shipping record. London, 1918. v. 11, p. 385–389.) † **VXA**

1460. —— —— (Engineer. London, 1918. v. 125, p. 279–280.) **VA**

1461. **Portland Cement Association.** Concrete ships. 1849–1918. n. t.-p. [n. p., 1918.] 31 p. illus. 8°.

1462. —— More progress in concrete ship construction. n. t.-p. n. p., 1918. 11 p. illus. 8°.

1462a. —— The reinforced concrete cargo steamship Faith, the largest concrete vessel afloat. [Chicago:] Portland Cement Association [1918]. 6 l. illus. 8°. **VXC p.v.26, no.8**

1463. —— Successful trial trip of the reinforced concrete cargo steamship Faith. n. t.-p., n. p., 1918. 15 p. illus. 8°.

1464. **Possibilities** of the ferro-concrete ship. illus. (Nautical gazette. New York, 1918. v. 93, April 25, 1918, p. 4–5.) † **VXA**

1465. **Problems** of designing the reinforced-concrete ship. (Engineering news-record. New York, 1918. v. 81, p. 167–171.) **VDA**

1466. **Reinforced** concrete cargo steamer. illus. (International marine engineering. New York, 1918. v. 23, p. 64–65.) † **VXA**

1467. **Reinforced** concrete motorship "Beton 1." illus. (Shipbuilding and shipping record. London, 1918. v. 11, p. 58–60.) † **VXA**

1467a. **Reinforced** concrete shipbuilding in Dorsetshire. (Engineer. London, 1918. v. 126, p. 408–410.) † **VA**

1468. **Reinforced** concrete ships. illus. (Power plant engineering. Chicago, 1918. v. 22, p. 395–398.) **VDA**

1468a. **Reinforced** concrete ships in U. S. A. (Concrete and constructional engineering. London, 1918. v. 13, p. 459–467.) **VEOM**

1469. **Rosing,** A. S. Concrete ships for ocean service. illus. (Tractor and gas engine review. Madison, 1918. v. 11, June, 1918, p. 8–9, 16, 66.) † **VFA**

1470. **Schiffe** aus Eisenbeton. illus. (Schweizerische Bauzeitung. Zürich, 1918. Bd. 71, p. 272–274.) **VEA**

1471. **Scott,** A. H. Reinforced concrete ships. (Canadian engineer. Toronto, 1918. v. 34, p. 537–538.) **VDA**

1472. **Searle,** A. B. Concrete boats and motor boats. illus. (Concrete and constructional engineering. London, 1918. v. 13, p. 35–44.) **VEOM**

1473. **Ships** of stone — 1849–1918. illus. (Scientific American. New York, 1918. v. 119, p. 165, 179.) **VA**

1474. **Skerrett,** R. G. Ferro-concrete shipbuilding in Norway. illus. (International marine engineering. New York, 1918. v. 23, p. 14–17.) † **VXA**

1475. **Some** notes on concrete shipbuilding. illus. (Concrete and constructional engineering. London, 1918. v. 13, p. 302–306.) **VEOM**

1476. **Springer,** J. F. The big concrete ship not unreasonable. (International marine engineering. New York, 1918. v. 23, p. 383–386.) † **VXA**

1477. —— Concrete boats as a transportation asset. illus. (Architect and engineer of California. San Francisco, 1918. v. 54, p. 104–105C.) **MQA**

1478. **Standardized** concrete ships in the United States. (Shipbuilding and shipping record. London, 1918. v. 12, p. 210–212.) † **VXA**

Reinforced Concrete Ships, continued.

1918, continued.

1478a. Stroyer, R. N. Novel method of constructing concrete vessels. (Shipbuilding and shipping record. London, 1918. v. 12, p. 327–330.) **VXA**

1479. A **Survey** of reinforced concrete ships. (Shipbuilding and shipping record. London, 1918. v. 12, p. 135–136.) † **VXA**

1480. 1,000-ton ferro-concrete motor vessel on the Alfsen system. illus. (Engineering. London, 1918. v. 105, p. 456–457.) **VDA**

1481. Thurston, T. G. O. Concrete cargo vessels. (Nautical gazette. New York, 1918. v. 93, no. 18, p. 8–9.) † **VXA**

1482. —— On the design and construction of self-propelled reinforced concrete sea-going cargo steamers, now building in Great Britain. (Concrete and constructional engineering. London, 1918. v. 13, p. 240–247.) **VEOM**

1483. —— —— (International marine engineering. New York, 1918. v. 23, p. 455–464.) † **VXA**

1484. —— Reinforced concrete seagoing cargo steamers. (American Society of Naval Engineers. Journal. Washington, 1918. v. 30, p. 422–439.) **VXA**

1485. —— —— (Engineering. London, 1918. v. 105, p. 335–341.) **VDA**

1486. Wig, R. J., and S. C. Hollister. Concrete ships. (Concrete and constructional engineering. London, 1918. v. 13, p. 486–489.) **VEOM**

INDEX OF AUTHORS

Numbers refer to individual entries.

A

Abell, T. B., 293.
Abell, W. S., 6, 7, 94, 264, 315, 1257, 1258.
Ahlborn, Fr., 35.
Albrecht, Max, 694.
Alexander, F. H., 95, 96, 97.
Alfsen, Harald, 1388.
Allen, F. J., 322a.
American Bureau of Shipping, 202, 1219.
American Concrete Institute, 1389.
Anderson, John, 316, 317.
Asmussen, G., 331.
Attilio, Dagnino, 623, 695, 775, 858, 921.
Attwood, E. L., 36, 146, 203, 238, 922, 989, 1221.
Ayre, A. L., 204.
Ayre, Wilfrid, 265.

B

Bacon, R. H. S., 776, 777, 778, 779.
Bahon, Max, 1146.
Baier, L. A., 266.
Baker, G. S., 99, 100, 147, 148, 157, 172, 173, 174, 175, 176, 205, 206, 239, 267, 294, 295.
Baldwin, G. J., 518, 519.
Ballard, Maxwell, 101, 102, 103, 990.
Ballin, F. A., 575.
Barbé, J., 332.
Barber, G. H., 207, 466, 1147.
Barnett, M. K., 1148.
Barringer, Herbert, 1149, 1150, 1151.
Barry, R. E., 780.
Basadre y G., C., 1391.
Battles, D. R., 1077.
Bauer, M. H., 208.
Beard, A. H., 520.
Behn, 991.
Bell, E. W., 447.
Bell, Thomas, 625.
Benjamin, Ludwig, 209, 240.
Benvenuti, E., 296.
Berndt, O., 852.
Berry, W. T., 626, 696, 697.
Bertin, L. E., 149, 210.
Bieliawin, L., 333.
Biles, Sir John Harvard, 37, 38, 104, 105, 1078.
Bion, C. W., 318.
Blaum, 750.
Blood, W. H., jr., 522.
Bock, 334.
Bodenmueller, Albert, 860.
Boettcher, Anton, 335.
Bogert, J. J., 580.
Boklevsky, C., 627.
Bonnaffon, S. A., 1393a.
Booker, G. E., 1345.
Borckenhagen, 924.
Bourdelle, P. M., 150.
Boyd, W., 733, 734.
Brenzinger, A. H., 606.
Brewer, C. B., 106.
Brewer, F., 1393b.
Brimblecombe, P. Y., 241.
Brinker, Joseph, 1346.
Brown, T. M., 354.
Brown, William, 1152.
Bruenner, M. A. R., 630.
Bruhn, J., 39, 177.
Buchsbaum, G., 785.
Bureau Veritas, 569, 572, 861, 925, 1080, 1081.
Burgoyne, A. H., 107, 151, 178, 993, 994, 1082.
Burnside, E. A., 574.
Burtner, Evers, 1263.

C

Cairns, C. W., 319.
Caizzi, Louis, 336.
Campbell, H. C., 1347.
Cannon, A., 152, 179, 180.
Capmany, J., 1398.
Carmichael, A. W., 1264.
Carr, M. F., 581.
Carter, Sir George, 1223, 1265, 1266, 1267, 1268, 1269.
Casimir-Perier, Claude, 996.
Churchill, F. A., jr., 468.
Claudy, C. H., 494.
Coburn, F. G., 495.
Cohee, T. L., 496.
Coker, E. G., 109, 110.
Coleman, F. C., 409, 787, 788, 927, 928, 1001, 1002, 1155, 1156, 1157.
Collie, J. H., 377.
Collins, J. H., 1270.
Commentz, Carl, 211, 410.
Cone, E. F., 1187.
Cook, C. W., 1270a.
Cook, G. C., 1003, 1158, 1188.
Cooper, I. C. G., 203.
Cox, L. M., 469.
Craggs, E. H., 633, 634.
Crawford, W. K., 1271.
Cremdieu, Victor, 8.
Croneau, 704.
Cunningham, A. C., 378.
Curr, Robert, 636, 637, 866, 932.
Cyran, A., 379.

D

Dabney, Frank, 583.
Dal-Piaz, 1006.
De Gelder, M. G., 470, 471, 497.
Denny, Archibald, 269, 270.
Denny, Leslie, 40.
Denny, Maurice, 1412, 1413, 1414, 1415.
De Rusett, E. W., 49, 50, 638.
Dickie, G. W., 181, 212, 1089, 1189.
Dietze, 791.
Dixie, E. A., 567.
Dobson, W. A., 869, 1161.
Dodge, Alfred, 1417.
Dohm, G. C., 472, 498.
Doig, Peter, 111, 213, 499.
Donald, James, 41, 42, 242.

Dondona, F., 1417a.
Donnelly, W. T., 357, 380, 457, 584, 934, 1009.
Doyère, C., 320.
Driessen, Paul, 639.
Dunn, H. H., 585.
Dyment, C. V., 528.

E

Eaton, C. A., 529.
Eckmann, C. J., 793.
Egleston, Howard, 1418.
Eley, C. V. A., 243, 1281.
Espitallier, G., 1419, 1420.
Estep, H. C., 531, 532, 586, 608.
Estrada, Ramón, 9.
Everett, H. A., 43, 244, 272, 1421.

F

Faber, O., 1338.
Fea, Leonardo, 1090.
Félix, A., 153.
Ferguson, L. R., 1423, 1424, 1425.
Ferretti, E., 1191.
Ferris, T. E., 595, 596, 597, 598, 600, 601.
Finlay, K. G., 245.
Flamm, Oswald, 112, 113, 182, 183, 214, 337.
Flanders, R. E., 338.
Fletcher, Andrew, 576, 1192.
Fletcher, R. A., 795, 1011.
Foerster, Ernst, 642, 936.
Fowler, C. E., 1091.
Frahm, H., 114, 115, 116.
Franzius, O., 397.
Freeman, J. E., 1430, 1431, 1432, 1433, 1434.
French, F. J., 1284, 1285.

G

Gardner, J. H., 626, 696, 697.
Gatewood, R. D., 1196, 1229.
Gatewood, William, 184, 246, 475.
Gebers, Fr., 10, 117.
Geynet, G., 941, 1095.
Giraud, J. E., 875.
Given, E. C., 154.
Glazebrook, R. T., 79, 80.
Goodrich, C. F., 802.
Goulaeff, E. E., 11, 12, 13, 45.
Gracie, Alexander, 215.
Gracy, J. W., 1096.
Graemer, L., 876, 942.
Greenhill, George, 46.
Gregory, H. B., 944, 945, 1025.
Grondal, B. L., 610.
Grunsky, C. E., 155.
Guembel, 185.
Gueritte, T. J., 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445.
Gundersen, A., 360.

H

Handy, I. O., 806.
Hart, M. G., 807.
Haver, A. H., 156, 716, 808, 809.
Heard, F. C., 1446.
Heesch, Otto, 949.
Herner, Heinrich, 14, 81.
Hiley, A., 434, 435.
Hill, M. F., 1230, 1287.
Hill, R. C., 587, 611, 1288.
Hillhouse, P. A., 118, 501, 502, 503.
Hoar, Allen, 1200, 1365, 1447.
Holbrook, G. G., 273.
Hollister, S. C., 1486.
Holm, Axel, 341, 717.
Holmes, Samuel, 648.
Holms, A. C., 1201, 1231.
Holt, C. F., 247, 248, 298.
Holzapfel, A. C., 274.
Hopf, Ludwig, 82.
Horn, Fritz, 83, 119.
Hornor, H. A., 1289.
Hovgaard, William, 47, 48, 84, 120, 1162.
Howards, J. E., 216.
Hughes, C. H., 299.
Hunt, H. R., 718.
Hunter, G. B., 49, 50.

I

Idle, George, 121, 157.
Isherwood, J. W., 321, 651, 652, 653.

J

Jack, J. R., 51.
James, S. V., 322.
Jarvis, H. R., 342.
Jennings, Frederick, 1448.
John, T. G., 217, 218.
Judaschke, Franz, 656.

K

Kaemmerer, W., 343, 657, 721, 812.
Keith, H. H. W., 219.
Kelly, R. W., 322a.
Kennedy, W. M., 505.
Kent, J. L., 175, 176, 250, 251.
Kerr, K. C., 506.
Kieffer, H. P., 1323.
Kielhorn, Carl, 15, 52, 658, 722, 723, 883.
King, A. W., 1341.
King, J. F., 275, 276, 1036, 1037.
Kirby, F. E., 884.
Klitzing, 344, 659.
Kluge, C., 1101.
Knipping, P., 813.
Knopp, W., 397.
Knorr, Paul, 1163.
Knowles, F. P., 220.
Kondo, Motoki, 725, 887, 1102.
Koon, S. G., 660.
Kretschmer, Otto, 16.
Kreutzberg, E. C., 541.
Kurtzahn, Ernst, 726.

L

Laas, Walter, 345, 563, 661, 953.
La Bolina, Jack, pseud., 888.
Lang, W. V., 728, 1232.
Langendonck, C. van, 361, 384, 399.
Laws, B. C., 53, 122, 221.

Lemaire, E., 1324.
Leucke, 438.
Leyland, John, 451.
Liddell, A. R., 54, 85, 86, 87, 123, 158, 186, 187, 222, 277, 278, 1203.
Lienau, Otto, 124, 362, 439, 730, 892, 957, 1042.
Long, A. E., 17, 18.
Loof, W., 458.
Lovett, W. J., 301, 302.
Lucas, A., 159.
Lucas, Theodore, 303, 508.
Lundberg, Charles, 1293.
Lyster, A. G., 733, 734.

M

McAleer, J. A., 323.
McDermaid, N. J., 400.
McEntee, William, 55, 56, 279, 280, 304, 305, 324, 325.
McGovern, John, 88.
MacIlwaine, G. S., 958, 1043.
Mackrow, Clement, 281.
McPherson, Allan, 666.
Mallock, A., 89.
Martin, K. G., 893.
Massenet, G., 159.
Meyer, F., 125.
Michenfelder, C., 363, 364, 387.
Mills, J. C., 667.
Montgomerie, James, 126, 252, 894, 1045, 1046, 1047, 1165, 1166, 1167.
Monetti, Luigi, 1295a.
Morley, T. B., 19.
Morrell, R. W., 1107, 1234, 1235, 1236, 1237, 1296, 1297, 1298.
Morrison, J. H., 1238.
Mueller, E., 825.
Muers, P., 1168.
Murray, A. J., 58, 253, 282.
Muth, D., 160.

N

Nash, J. P., 1454.
Nast, B., 1325.
Neudeck, G., 161.
Nicol, George, 162, 283.
Nobel, C., 348.

O

Oakleaf, H. B., 591.
Ober, Shatswell, 306.
Oesten, K., 838.
Oldham, J. R., 616, 1300, 1301, 1455.
Olin, E. W., 1169, 1170.
Olsen, H. M., 745.
O'Neill, J. J., 20, 21, 22.
Orrok, G. A., 934.
Osier, C. A., 544.
Ott, J., 91.
Otterson, J. E., 418.
Owen, H., 904, 1301a, 1456.
Owens, T. G., 1121, 1122, 1123, 1124, 1171.

P

Parkes, Oscar, 1125.
Paterson, J. H., 224.
Paulmann, 750.
Peabody, C. H., 163, 188, 307.
Pease, F. F., 327a.
Peltier, J. G., 675, 676, 677, 678, 751.
Pereira, E. R., 1126, 1207.
Perrett, J. R., 1127.
Peskett, L., 189, 225, 1128.
Phelps, H. P., 459.
Phenis, Albert, 1457.
Phillips, Camillus, 511.
Pietzker, Felix, 128.
Ploeg, J. van, 129.
Plummer, H. C., 1129.
Polissadoff, J., 349.
Pollock, Walter, 1458, 1459, 1460.
Popp, M., 966.
Portland Cement Association, 1369, 1461. 1462, 1462a, 1463.
Prendergast, Maurice, 130.
Price, B. K., 546.
Purvis, F. P., 190.
Putnam, G. R., 1240.

R

Rahusen, R., 125.
Ranft, Paul, 369.
Rath, C., 419.
Redwood, Sir Boverton, 1059.
Reid, John, 1175, 1176, 1177.
Renner, Wilhelm, 753.
Reventlow, E. C. E. L. D., Graf zu, 420.
Riddlesworth, W. H., 501, 502, 503.
Rigg, E. H., 226, 1208.
Roberts, T. G., 131.
Robertson, J. M., 328.
Robinson, R. H. M., 23, 227, 1242, 1243, 1244, 1306.
Robinson, S. M., 1060.
Rodgers, W. L., 191.
Rosing, A. S., 548, 1469.
Rossell, H. E., 256.
Rossi, Giuseppe, 257.
Rothe, H. H. A., 164.
Rougé, J., 967.
Rowland, W., 1342.
Rupp, M. E., 1334.
Ruprecht, F. K., 308, 1178.
Russo, G., 132, 284.

S

Sadler, H. C., 24, 25, 26, 61, 62, 63, 64, 228, 756, 1210.
Saunders, A. E., 1245.
Sauvaire Jourdan, A. M. B., 27.
Schaffran, Karl, 229, 258, 908.
Scheible, Albert, 1335.
Schmidt, Alf., 28, 65.
Schmidt, R., 421.
Schoen, J. G. von, 422.
Schossberger, O. F., 423.
Scott, A. H., 1471.
Scribanti, A., 230.
Searle, A. B., 1472.
Siemann, 232.
Simpson, George, 233.
Skerrett, R. G., 66, 370, 371, 1380, 1474.
Smith, John, 67, 68.
Smith, S. F., 1065, 1134.
Spanner, E. F., 259, 260.
Springer, J. F., 1476, 1477.
Stanton, T. E., 70, 71, 166.
Steele, J. E., 192, 311.

Stevens, E. A., 1213.
Stieghorst, J., 133.
Stirling, Yates, 1251.
Stocker, Robert, 425.
Stross, Walther, 1336.
Strouse, M. H., 844.
Stroyer, R. N., 1382, 1478a.
Suanzes, Carlos, 761.
Sudler, C. E., 1340.
Sutphen, H. R., 1312a.
Suyehiro, K., 168, 193.

T

Talbot, F. A., 973, 1069.
Tawresey, J. G., 455.
Taylor, Benjamin, 764.
Taylor, D. W., 29, 30, 31, 72, 73, 93, 134, 194, 234, 235, 236, 261, 285, 312.
Taylor, James, 1337.
Terano, S., 135, 136, 1214.
Thearle, S. J. P., 137, 138, 617, 682.
Thele, W., 1137.
Thompson, W. J., 618.
Thornycroft, J. E., 683, 684, 685, 686, 687.
Thurston, T. G. O., 1481, 1482, 1483, 1484, 1485.
Timonoff, V. E. de, 351.
Tobin, T. C., 195.
Tondering, C. J., 1384.
Toro, I., 329.
Trask, E. P., 286.
Treninkhinn, W. M., 352.
Tunkl, F. von, 196.

U

Ulffers, 32.
United States. — Shipping Board, 595, 596, 597, 598, 599, 600, 601, 619, 1252, 1253, 1254, 1255, 1256, 1317.

V

Van Duzer, L. S., 446.
Van Gaasbeek, R. M., 620.
Verth, M. zur, 913.

W

Wachtel, L., 1140.
Wakeman, S. W., 515.
Waldmann, Ernst, 139.
Walker, J. B., 981, 982, 1075.
Wall, A. T., 287, 288, 289, 1218.
Wallace, W. C., 690.
Walton, Thomas, 1320.
Ward, Charles, 566.
Warrington, J. N., 75, 76.
Watson, T. H., 314.
Watts, Sir Philip, 140, 291.
Weber, Carl, 1343, 1386.
Weihe, H., 852.
Welch, J. J., 141, 142, 262, 263, 292, 691.
Wellenkamp, H., 33.
West, C. C., 692.
White, E. S., 199.
White, Sir W. H., 143, 144, 145, 169, 170, 983, 984.
Wig, R. J., 1486.
Wilkes, Paul, 1328.
Willey, D. A., 34, 200, 1183.
Williams, Henry, 425.
Wilson, R. C., 1076.
Wilson, W. J., 374, 1184.
Woolland, Lloyd, 201, 281.
Workman, G. C., 1387.
Wrobbel, Gustav, 171.

Y

Young, H. W., 562.
Yukawa, M., 135, 136.

Z

Zeyss, G., 774.
Zueblin, 986.

INDEX OF SUBJECTS

Numbers refer to individual entries.

A

Agamemnon, 645.
Akers Mekanische Verksted, 360.
Alexandra, 647, 673.
Alsatian, 987, 1056.
American Shipbuilding Co., 464, 468.
Ames Shipbuilding & Dry Dock Co., 498.
Amiral Makaroff, 678.
Andania, 1005, 1085.
Ansaldo-Armstrong & Co., 404, 448.
Aquitania, 930, 971, 988, 1039, 1049, 1086, 1087, 1088, 1108, 1109, 1110, 1111, 1130.
Arizona, 1147.
Arkansas, 945.
Armstrong, Whitworth & Co., 330, 453.

B

Beams, 247, 248, 718.
Bellerophon, 624.
Ben-my-chree, 654.
Berlin, 730.
Berths, 350, 379, 478, 500.
Bethlehem Steel Co., 467, 511.
Bilge-tunnel, 310.
Blohm & Voss, 452.
Brazos, 660.
Britannic, 1079, 1117, 1141, 1142, 1143, 1144.
Bulkheads, 39, 47, 48, 58, 77, 84, 120, 177, 187, 197, 204, 242, 255, 256, 262, 263, 275, 276, 287, 288, 289, 290, 293, 301, 302, 308, 329.
Burmeister and Wain, 341.

C

Cable ships, 670, 1155, 1156.
Camber, 230.
Canadian Vickers, 463, 500.
Cap Finisterre, 936.
Cap Trafalgar, 1131.
Car ferry, 700, 717, 739, 745, 752, 763, 766, 788, 806, 812, 1129, 1153, 1169, 1170.
Carnegie, 564, 565, 567.
Chicago, 675.
Chiyo Maru, 868.
Cincinnati, 838.
City of Cleveland, 662.
City of Detroit III, 573, 926, 970.
Cleveland, 715.
Colliers, 680, 706, 742, 769, 780, 791, 851, 871, 892, 893, 928, 960, 978, 979, 1025, 1060, 1065, 1084, 1115, 1134, 1154, 1172, 1204, 1206.
Colossus, 817, 877.
Columbia Engineering Works, 552.
Commonwealth, 626, 696, 697.
Composite ships, 581, 582, 590.
Condorcet, 710.
Conte di Cavour, 898.
Corrugated ships, 702, 703, 808, 809, 958, 1043.
Corsican, 689.
Courbet, 874, 937.
Cranes, 335, 345, 350, 364, 365, 368, 387, 397, 416, 419, 439, 441, 458, 470, 471, 478, 497, 523, 534.
Cruisers, 740, 784, 805, 827, 858, 860, 864, 885, 886, 888, 999, 1028.

D

Dante Alighieri, 921.
Dartmouth, 879.
Deck houses, 252, 1036, 1037, 1165, 1166, 1167.
Decks, 224, 245.
Delaware, 768.
Diderot, 710.
Dimensions, 143, 144, 145, 149, 155, 169, 170, 316, 317.
Displacement, 24, 25, 26, 220, 326.
Docks, dry, 331, 332, 333, 349, 351, 352, 354, 417, 440, 469, 517, 526.
Docks, floating, 53, 160, 331, 337, 342, 344, 348, 352, 357, 358, 367, 372, 380, 392, 396, 407, 409, 426, 427, 428, 430, 432, 438, 445, 449, 461, 548.
Dockship, 644, 659.
Dreadnought, 107, 1126, 1161.
Dredger, 733, 734, 750, 762, 852, 867, 966, 991, 1091, 1137.
Duthie, J. F., & Co., 504.

E

Edgar Quinet, 676.
Ernest Renan, 709, 751.
Europa, 623, 814.
Experimental tanks, 9, 10, 23, 27, 29, 34, 43, 44, 57, 59, 60, 66, 78, 79, 80, 89, 94, 99, 100, 117, 127, 134, 147, 148, 200, 219, 279, 280, 284, 294.

F

Fabricated ships. *See* Standard ships.
Faith, 1390, 1411, 1422, 1463.
Ferries, 876. *See also* Car ferry.
Fire boats, 692, 844.
Florida, 944.
Fore River Shipbuilding Co., 473, 474, 477.
Foundation Co., 536.
Framing, 633, 634, 764, 1295.
France, 797, 799, 872, 939, 962, 995, 1071.
Franconia, 789, 816, 829, 896.
Free board, 15, 222, 272.
Fruit ships, 712, 1157, 1195.
Furness Shipbuilding Co., 542, 543.

G

George Washington, 639, 713, 726, 743, 755.
Germanischer Lloyd, 85.
Goeben, 950.
Great Lakes Engineering Works, 476.
Guadeloupe, 677.

H

Harland & Wolf, 340, 346, 375, 411.
Heliopolis, 666.
Hog Island shipyard, 518, 519, 520, 521, 522, 531, 532, 533, 535, 537, 538, 539, 540, 545, 546, 547, 549, 550, 555, 558, 560, 561, 562.
Hong Kong, shipbuilding at, 429.
Howaldtswerke, 436.

I

Imperator, 421, 947, 948, 954, 1022, 1030, 1031, 1050, 1057, 1072, 1073, 1099, 1140.
Indomitable, 629, 646.
Iron Duke, 1026.
Isherwood system, 651, 652, 653, 671, 785, 866, 932, 1295a.
Italy, 132.

J

Japan, 135, 136, 1214.
Jean Bart, 874, 937, 1017.

K

Kaiserlich Werft, Kiel, 363.
Kaiserlich Werft, Tsing-tau, 412.
Kanguroo, 975, 1182.
Kongo, 927, 951, 952, 1034, 1035.
Krupp Germania shipyard, 431, 433.

L

Laconia, 865, 931.
Lafayette, 1193.
Launching, 67, 68, 207, 334, 338, 355, 362, 370, 371, 383, 385, 386, 410, 413, 414, 421, 425, 434, 435, 437, 447, 450, 455, 466, 499, 501, 502, 503, 507, 510, 514.
Laurentic, 664, 665, 771.
Laying off, 203, 617, 1291.
Lightships, 157, 942, 1003, 1010, 1044, 1069, 1096, 1158, 1188, 1240.
Lion, 946.
Load line, 291.
Lord Nelson, 645.
Lusitania, 625, 1159.
Lutetia, 1093.

M

Martha Washington, 632.
Maryland Steel Co., 487.
Mauretania, 635.
Medina, 905.
Minas Geraes, 628, 668, 693, 782.
Mine-layers, 823, 1019.
Mitsu-Bishi dockyard, 388, 389, 401, 444.
Models, 23, 33, 70, 71, 87, 106, 194, 205, 206, 219, 229, 234, 235, 236, 258, 261, 267, 1307.
Mold lofts, 496.
Monarch, 878, 880.
Monitoria, 716, 808, 809.

N

Nederlandsche Fabriek, 398.
Nevada, 964, 1216.
New York, 425.
New York City, ship yards, 485.
New York Shipbuilding Co., 481.
New Zealand, 889.
Newark Bay shipyard, 525.
Newport News Shipbuilding Co., 402, 479, 480.
Nippon Yusen Kaisha, 796, 836.
Norfolk navy yard, 378.
North Dakota, 663, 768.
North German Lloyd, 707.

O

Oklahoma, 964.
Olympic, 772, 773, 818, 819, 820, 854, 855, 856, 899, 902, 903, 906, 914, 916, 917, 918, 920.
Ore-carrying ships, 611, 650, 667, 787, 794, 837, 892, 1054, 1175, 1176, 1177.
Orsova, 737.

P

Panama, shipyards, 486.
Pearl Harbor, 526.
Pennsylvania, 1217.
Portsmouth dockyard, 454.
Prinz Friedrich Wilhelm, 705.

Q

Queen Elizabeth, 1027, 1125.

R

Refrigerator ships, 912, 1194.
Regina Elena, 655.
Reina Victoria Eugenia, 1067.
Repair ships, 714, 735.
Resistance, 24, 25, 26, 30, 31, 35, 61, 62, 63, 64, 70, 71, 72, 73, 156, 164, 166, 175, 176, 185, 188, 194, 228, 234, 235, 239, 250, 295, 306, 320.
Rheinland, 800.
Rio de Janeiro, 783, 992.
River steamers, 566, 570, 574, 576, 833, 862, 1076, 1192.
Riveting, 977, 1203, 1300.
Robert Fulton, 754.
Robins Dry Dock & Repair Co., 460, 483.
Rochambeau, 940.
Rolling, 8, 98, 105, 114, 115, 116, 119, 121, 154, 157, 179, 201, 298.
Roma, 695.
Rotterdam Dockyard Co., 470, 471.

S

Sailing ships, 563, 568, 661, 1001.
St. Nazaire, 376, 382, 395, 399, 405, 424, 443.
St. Vincent, 693.
Sakura Maru, 719, 720.
São Paulo, 698, 847.
Satsuma, 811.

Schichau-Werke, 391, 403.
Seattle Construction and Dry Dock Co., 484.
See-and-Bee, 961, 1062.
Shanghai Dock and Engineering Co., 442.
Shearing stress, 168, 193.
Shinyo Maru, 882.
Shooter's Island shipyard, 554.
Skinner & Eddy, 472, 488.
Sloan Shipyard Co., 513.
Smith's Dock Co., 366, 381.
Sound steamers, 576, 1192.
Specifications, 51.
Stability, 32, 54, 87, 91, 92, 97, 122, 123, 129, 139, 152, 180, 181, 186, 209, 211, 221, 237, 240, 241, 246, 254, 259, 260, 265.
Standard ships, 323, 578, 593, 595, 596, 597, 598, 599, 600, 601, 602, 603, 607, 619, 1212, 1220, 1223, 1226, 1227, 1232, 1242, 1243, 1244, 1247, 1249, 1252, 1253, 1254, 1265, 1266, 1267, 1268, 1269, 1272, 1283, 1306, 1311, 1317, 1312a, 1321a, 1395.
Stresses, 167, 168, 193, 216, 273, 278, 282, 322.
Submarine Boat Corporation, 557.
Submarine tenders, 974, 975, 980, 1077, 1185.
Sun Shipbuilding Co., 489, 553.
Superstructures. *See* Deck houses.
Swan, Hunter, & Wigham Richardson, 490.

T

Tank ships, 648, 694, 774, 786, 793, 894, 910, 963, 965, 1002, 1008, 1045, 1046, 1047, 1048, 1059, 1064, 1070, 1103, 1107, 1118, 1119, 1120, 1149, 1150, 1151, 1160, 1168, 1178, 1199, 1234, 1235, 1236, 1237, 1238, 1246, 1259, 1296, 1297, 1298, 1299.
Tanks. *See* Experimental tanks.
Tenyo Maru, 657, 688, 868.
Texas, 1104.
Thunderer, 881.
Titanic, 856, 891, 902, 903, 915, 917, 956.
Torpedo boat destroyers, 631, 683, 684, 685, 686, 687, 699, 701, 765, 798, 815, 824, 846, 848, 857, 900, 933, 938, 941, 943, 986, 998, 1004, 1014, 1015, 1016, 1024, 1029, 1092, 1095, 1138, 1174, 1207, 1211.
Train ferry. *See* Car ferry.
Tuckahoe, 1309.
Tugboat, 1255, 1256.

U

Union Iron Works, 373, 462, 491.
Unsinkable ships, 11, 12, 13, 45, 182, 183, 198, 212, 214, 243, 313, 981, 982, 1089, 1139, 1281, 1286, 1294, 1302, 1318, 1319.

V

Vanguard, 729, 804.
Vaterland, 1098, 1100, 1135, 1145.
Verdi, 669.
Von der Tann, 801.
Vulcan, 644, 659.
Vulcan shipyard, 339, 343, 361, 369, 379, 393.

W

Wallsend Slipway & Engineering Works, 456.
Warships, 37, 69, 74, 107, 130, 140–142, 151, 178, 268, 641, 643, 691, 704, 711, 725, 761, 776–779, 781, 834, 835, 859, 873, 907, 909, 922–924, 984, 989, 993–994, 1013, 1018, 1021, 1052, 1058, 1078, 1082, 1090, 1102, 1106, 1121–1124, 1127, 1146, 1148, 1162, 1171, 1191, 1196, 1221, 1229, 1241, 1251. *See also* Cruisers, Torpedo boat destroyers, and names of ships.
Washington Irving, 1032, 1063.
Washington Shipping Co., Seattle, 482.
Ways, 527.
Welding, 1260, 1261, 1270, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1282, 1289, 1292, 1303, 1305, 1312, 1314.
Weser shipyard, 384.
White Star line, 853.
Wilhelmina, 741.
Workman, Clark & Co., 415.
Wyoming, 568, 945.

Y

Yarmouth, 890.
Yarrow & Co., 347, 353, 408.

THIS BOOK IS DUE ON THE LAST DATE STAMPED BELOW

AN INITIAL FINE OF 25 CENTS
WILL BE ASSESSED FOR FAILURE TO RETURN THIS BOOK ON THE DATE DUE. THE PENALTY WILL INCREASE TO 50 CENTS ON THE FOURTH DAY AND TO $1.00 ON THE SEVENTH DAY OVERDUE.

FEB 8 1942

REC'D LD
OCT 14 1952

DEC 3 1947

9 Apr'60WC

REC'D LD
APR 9 1960

LIBRARY USE

OCT 4 1960

REC'D LD
OCT 4 1960

28Oct'62WA

LD 21-100m-7,'40 (6936s)

YC 64651